PRESORT ACCURACY

VALIDATION & EVALUATION

ADDRESS MANAGEMENT
NATIONAL CUSTOMER SUPPORT CENTER
UNITED STATES POSTAL SERVICE
6060 PRIMACY PKWY STE 201
MEMPHIS TN 38188-0001

UNITED STATES
POSTAL SERVICE®

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Purpose

The Presort Accuracy, Validation, and Evaluation (PAVE) program is a process designed in cooperation with the mailing industry to evaluate presort software and determine its accuracy in sorting address files according to *Domestic Mail Manual* (DMM) standards. PAVE is available **only** to software and hardware developers, i.e., companies that develop presort software or manufacture presorting equipment for resale or internal use. Participation in the program is purely voluntary. Although this program evaluates and validates presort products manufactured by developers, PAVE **does not guarantee acceptance** of mail prepared using PAVE-certified hardware and/or software; however, PAVE does provide national approval of computer-generated facsimiles of United States Postal Service (USPS) postage statements, standardized documentation, and other presort documentation.

Overview

The USPS defines a PAVE-certified software product as a presorting product specifically written to operate on a particular platform or operating system and assigned a specific version number. Many products use different language compilers to process files within different operating systems or on different hardware platforms. Therefore, to maintain the highest quality standards, PAVE will certify a **developer's product that operates on a particular platform at the current version number**. The developer may submit all platforms or as many as he/she chooses for certification. PAVE will evaluate each presort product platform on its own merits and will issue a specific certification for that platform if warranted.

Note: Throughout this manual, any reference to a "presort product" implies a product written for a specific hardware/software platform at the current version number.

Example:

Developer	Presort Product	Platforms	Version
Presort R Us	FASTsort	Windows NT for PC	1.2

Types of Certification

For the first time, PAVE is introducing two level of certification: Gold and Standard.

Gold Certification

In this cycle, in addition to manual examination of the hard copy documentation, PAVE is electronically grading test files. Electronic grading will allow tracking and verification of every mailpiece within a test file. Developers will append each test address record with the specific presort information as described in "PAVE Test File Description" (see page 15). Because this is a more extensive evaluation than the usual hard copy examination method, PAVE will award "Gold certification" to presort products that successfully complete both electronic and hard copy evaluation for all tests.

To encourage developers to support the new electronic file format and undergo closer scrutiny, PAVE is offering the following benefits for developers seeking Gold certification:

1. All Gold certified presort products will be listed before all Standard certified products in the PAVE Certified Developers List (see page 55).
2. All certificates issued to presort products will indicate Gold Certification.
3. Retesting fees will be assessed after five free electronic attempts and two free hard copy attempts.
4. Review and grading of products attempting Gold certification will be expedited over that of products attempting Standard certification during the testing cycle.

Standard Certification

Presort products that only return hard copy documentation will receive Standard certification upon successful completion of each presort test taken. Developers will process test files through their presort product and return hard copy results for examination in the form of the USPS Qualification Report, postage statement facsimiles, barcoded container labels, etc. However, hard copy evaluation is labor-intensive and limited because each individual mailpiece cannot be tracked to its ultimate location within the final presort outcome. Therefore, all Standard certified presort products will be listed after the Gold certified products in the PAVE Certified Developers List (see page 55). Furthermore, all products attempting Standard certification will be processed after the Gold certified products during the testing cycle.

Selection Rationale

PAVE evaluates the accuracy of presort products by testing a variety of presort scenarios each certification cycle. The USPS selects different scenarios based upon, but not limited to, three key factors:

1. Presort categories most often used by different mailers (to cover the widest range of presorted mailings).
2. Presort categories in which significant errors are being detected by business mail entry units (BMEUs).
3. Presort categories that are relatively new.

Upon successful completion of the PAVE testing process, each product is awarded a certificate specifying each presort category for which PAVE certification is awarded.

Version Number Policy

All PAVE certifications are awarded to specific versions of presort products. To receive PAVE certification, these guidelines must be followed:

- If all submitted tests are completed without the need for any corrections or changes, the original version number of the presort product submitted will be certified.
- After grading, if any corrections or changes to the presort logic are required before certification is granted for any of the test categories, a new version number will be specified by the developer for the presort product after all corrections/ modifications are successfully completed.

The components of the version number are as follows:

Version Number	Revision No.	PAVE Cycle	Manufacturer No.
2.01	.03	.D	.96.09
A	B	C	D

Field A

Contains the software version number assigned by the developer. The number left of the decimal point represents the major release number, and the number to the right of the decimal point represents the version of the presort logic code. Any change to an existing software product's presort logic must be reported in writing to the PAVE Department at the National Customer Support Center (NCSC) before release. The change will be evaluated to determine whether the product requires recertification.

Note: Changing a PAVE-certified product's version number requires recertification of the product at the new version number.

Field B

Contains the software revision number representing any non-presort logic change to the software product. A change in the revision number would be enacted by, but not limited to, an update of postage rate tables, labeling lists, or zone charts; enhancements to the user interface; updates to print drivers; or other types of revisions or updates.

Field C

Contains the PAVE cycle indicator assigned by the PAVE Department.

Field D

Contains the manufacturer number, which may be used by the manufacturer to indicate other internal tracking information such as monthly or quarterly database releases.

Note: If Field D is used to indicate database release dates, the USPS recommends using a 2-byte number to indicate the year followed by a decimal and another 2-byte number to indicate the month of the database.

Product and Version Number

The USPS encourages developers to indicate the product name and version number at the bottom of postage statement facsimiles and in the header portion of the USPS Qualification Report. Doing so will facilitate efficient resolution of errors or problems encountered when the presorted mail is presented for acceptance.

Pave Phraseology and Logo

The USPS prohibits the use of the PAVE logo and any PAVE phraseology on all official USPS forms and required documentation, including postage statement facsimiles and the USPS Qualification Report. However, PAVE-certified developers may use the PAVE logo and the phrase "PAVE-certified" on marketing materials and other user documentation if it corresponds to and identifies a specific presort category for which the product is certified.

A camera-ready PAVE logo sheet will be provided for use in developing advertising, packaging, and marketing materials. Duplication or reproduction of the logo is authorized under the following conditions:

- All certified presort categories are specified

- The logo is not altered in any way

If the logo is reproduced or duplicated in color, you must use the following color scheme: the blue interior is Pantone 294CVC; the red interior is Pantone 485CVC; the gold color is 130CVC; and the black and white colors are process.

Licensing Certified Products

If the PAVE-certified software is licensed to or from another company, the USPS National Customer Support Center (NCSC) must be informed in writing and complete testing must be conducted successfully to obtain certification for the new product.

Multiple Products With Same Presort Engine

If you use your PAVE-certified product as the presort engine for other products within your product line, we recommend that you pursue certification for each individual product. However, you may choose to inform the NCSC of this product interrelationship in writing on company letterhead. Certification will be granted to all products after successful completion of testing of the original product. The NCSC reserves the right to conduct random tests on any certified product during the certification cycle.

Field Error Detection and Resolution

Occasionally, presort errors are detected and reported by USPS field personnel or mailers after a PAVE-certified product has been distributed to customers. If this situation occurs, the following protocol is followed to resolve the problem:

1. The PAVE Department starts an incident report file for the product and version number.
2. PAVE determines if the problem is a presort error or some other problem such as a user setup issue.
3. PAVE alerts the developer to the existence of the problem.
4. PAVE and the developer collaborate in determining a reasonable time frame in which to correct the problem. If the time frame is exceeded, PAVE certification could be revoked or suspended.
5. PAVE reserves the right to request that the developer retest any applicable test files before release.
6. When the PAVE Department determines that the problem has been corrected, the developer will release a patch to all customers.

It is the goal of the PAVE Department to assist developers in achieving the highest quality presort product possible, and the field error detection and resolution policy is a tool for ensuring presort product quality. Regardless of cycle schedules, quality assurance remains an ongoing part of PAVE certification.

The PAVE Process

The developer has the choice of testing in any or all available categories. Due to the complexity of programming presort software products, the USPS requests that all files (i.e., a suite) the developer intends to certify this cycle be submitted together.

Developers attempting Standard certification are required to complete and return their presort documentation within 30 days. Developers attempting Gold certification are required to complete and return their electronic test files within 30 days; however, hard copy documentation generated by the electronic test should not be returned until requested by the PAVE Department. In either case, all documentation must be submitted to the USPS via Express or Priority Mail. Electronic files should be submitted as zipped (i.e., compressed using the PKZip compression utility) attachments to e-mails sent to the PAVE Department.

Note: PAVE test file output returned by other commercial carriers will not be accepted.

Test data is provided in the form of address files. Each presort scenario has its own address file and has specific characteristics and attributes, such as mailpiece dimensions, specific entry point, sortation levels allowed, processing category, etc. Each file is processed as a specific presort job with explicit parameters. PAVE is a certification standard of excellence; therefore, we will certify and list your product's required and optional mail preparation standards for each presort category.

Note: Whether pursuing Gold or Standard certification, it is imperative that developers follow all rules and parameters stated in "General Testing Instructions" (see page 11) to achieve certification. Failure to do so will warrant an outright rejection of your test submission before any actual grading of presort. Furthermore, this will count towards one of the five (Gold certification) or two (Standard certification) free evaluations given.

The following presort test categories are available for Cycle D:

- First-Class Automation Mail
- First-Class Non-Automation Mail
- First-Class Presorted Parcels
- Periodicals Automation Mail
- Periodicals Non-Automation Mail
- Standard Mail (A) Automation Mail
- Standard Mail (A) Non-Automation Mail
- Standard Mail (A) Enhanced Carrier Route Mail
- Standard Mail (A) Irregular Parcels

Each file is graded individually for its accuracy of presort and compliance with current DMM regulations. The evaluation includes inspection of standardized documentation, container labels, computer-generated postage statement facsimiles, and other presort documentation. If the electronic file and/or documentation presented is deemed 100 percent accurate and in compliance with current DMM regulations, certification is awarded for the specific presort category tested (See Appendix 1, "Sample PAVE Certificate," page 52).

If any errors preventing certification are detected, an evaluation report identifying the specific violations and their appropriate DMM references will be provided to the developer. After the proper changes/adjustments are made to the software, the developer is responsible for ordering a new test file. Reprocessing the original test is prohibited. In some instances, the PAVE Department may request that a product be retested in certain categories if a failure or modification affects another category.

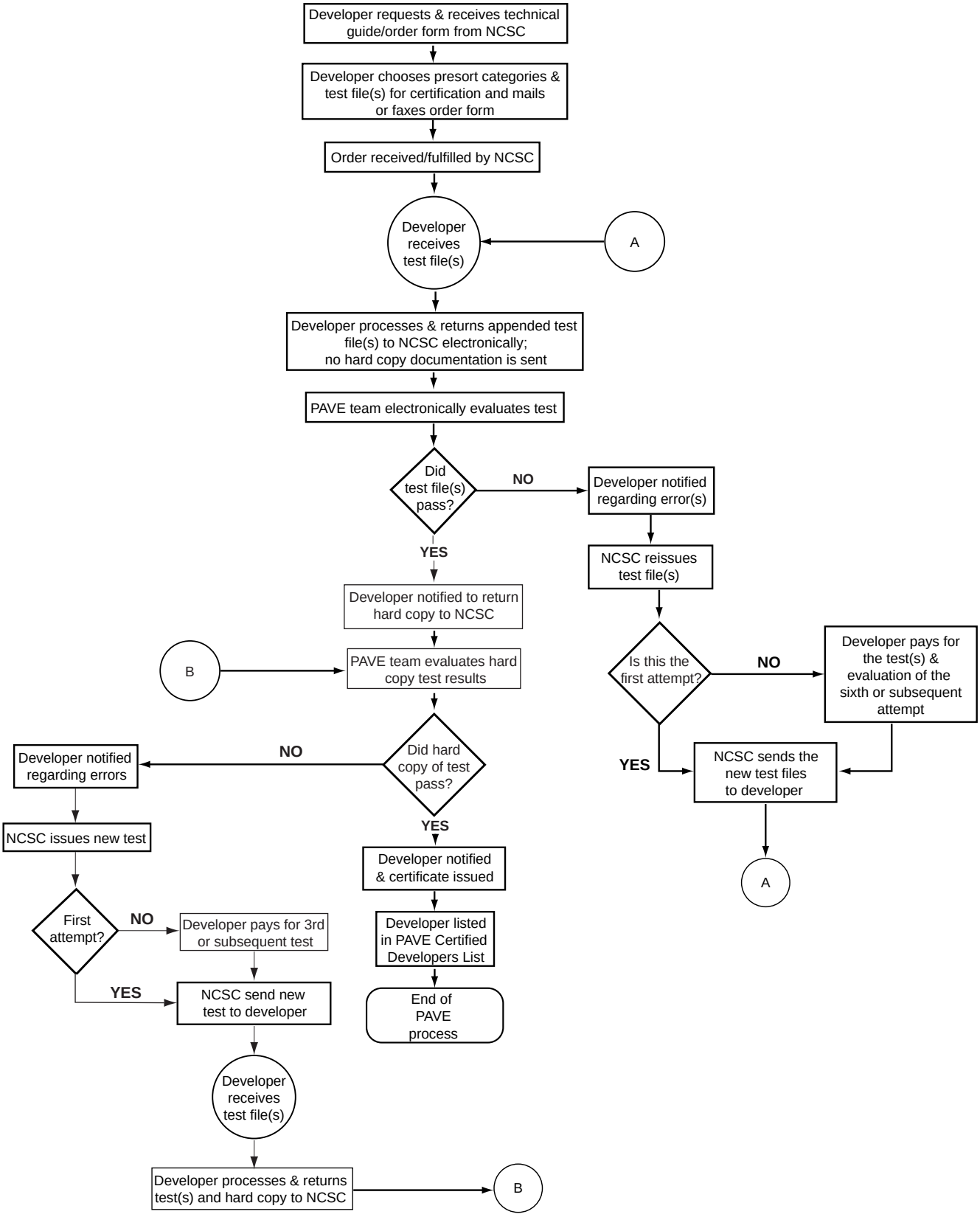
Cycle D certifications are effective until December 31, 1999, or until the end of the current cycle. Developers whose products have been certified for any or all presort categories receive an official PAVE certificate and will have their name, address, and presort product name and version number included in the list of PAVE-certified software developers. (See Appendix 2, "PAVE Certified Developers List," page 55). The list is published at the end of the testing cycle in *Postal Bulletin*, and reprints are available through the NCSC. Weekly updates are available electronically through the USPS Rapid Information Bulletin Board System (RIBBS) at **http://www.ribbs.usps.gov/files/presort/pubs/** and the USPS Web site at **www.usps.gov/ncsc/programs**.

Products Attempting Gold Certification

After processing the test, the developer returns the appended electronic test file and (if supported) a plain text version of the postage statement facsimile (see Figure 1, PAVE Gold Certification Process, page 7). The test file will be processed through PAVE's electronic grading program.

The computerized grading programs are designed to search for specific violations of presort rules and USPS regulations. If any errors are discovered, the developer is notified and asked to retest. The new test will count towards one of the five free attempts. If no errors are detected, then the developer is notified that he or she has passed electronic grading and asked to mail the presort documentation produced for each test. The documentation is then reviewed and graded in the same manner as it would be for Standard certification (see "Products Attempting Standard Certification," page 8). If passed, the developer becomes Gold certified; otherwise, the developer will be asked to retest (which could include electronic retesting, depending upon the errors detected).

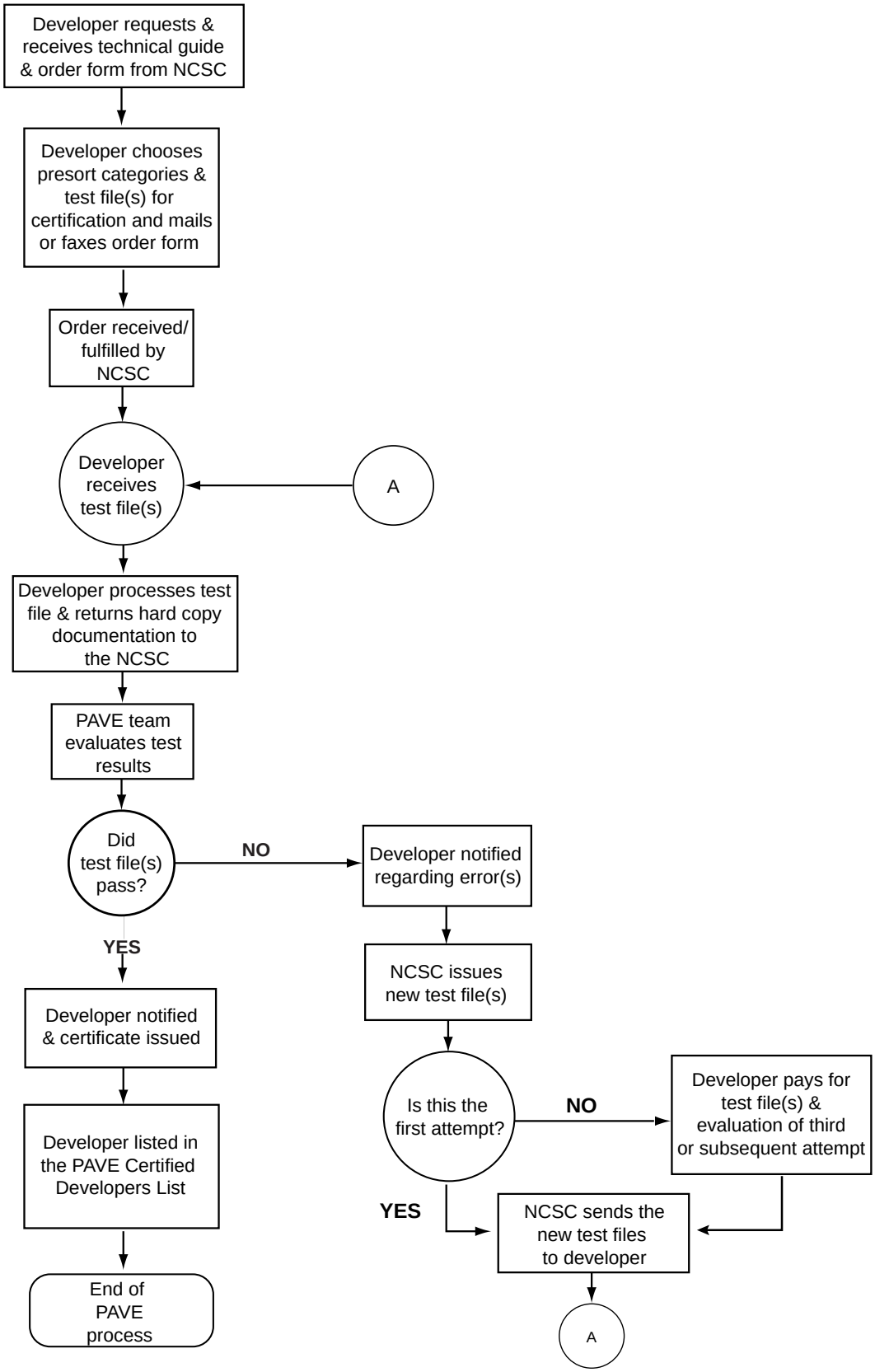
Figure 1. PAVE Gold Certification Process



Products Attempting Standard Certification

After processing the test, the developer returns hard copies of all required presort documentation produced by his or her product (see “Required Hard Copy Output, page 34). PAVE will manually review the documentation to determine if any presort or report format errors exists. If the product receives a passing score, Standard certification is awarded (see Figure 2, PAVE Standard Certification Process, page 9).

Figure 2. PAVE Standard Certification Process



PAVE Cycle D Calendar

August 17, 1998	Test files available for PAVE Cycle D
November 15, 1998	Last day to request Cycle D test files
November 16, 1998	Out-of-cycle testing fees take effect for new test orders
December 15, 1998	Last day Cycle D test files will be accepted for evaluation
January 9, 1999	Certification for Cycle C expires
September 1, 1999	Cycle E testing begins
December 31, 1999	Cycle D PAVE certifications expire

Out-of-Cycle and Retesting Fees

The PAVE certification program is free-of-charge to developers participating during the normal testing cycle or when a DMM-initiated PAVE cycle is conducted. However, a fee is charged for any product participating in the PAVE program outside the normal test cycle or a product that has failed five times (electronic testing for Gold certification) or two times (hard copy and documentation review for Gold or Standard testing) in any one test category and for which subsequent testing is requested. This fee is assessed as follows:

Test File – Initial presort category (file generation, postage, and handing)	$50.00
Each additional test category requested	$10.00
Certification – Results evaluation (presort analysis and documentation review)	$200.00
Each additional test category evaluated	$25.00
Minimum fee per product	$250.00

Note: Out-of-cycle PAVE certifications expire at the end of the next normal test cycle, e.g., a certification obtained out-of-cycle in June still expires at the end of the cycle on December 31 of that same year.

General Testing Instructions

To achieve PAVE certification, the following instructions, guidelines, and parameters must be followed explicitly.

Tests for 33 different presort scenarios are offered for Cycle D. Developers may request testing in any or all presort categories available. Most presort scenarios require successful completion of multiple tests to achieve certification, and if you choose to test in more than one scenario, the required tests only need to be processed once. All tests and their requirements are listed in "List of Presort Scenarios" (see page 13).

The tests are divided into four categories:

File 201

A prerequisite test for certification in any First-Class Mail presort category along with any applicable First-Class Mail test(s) (204–210) of your choice. (If you choose to take more than one First-Class Mail test, process File 201 only once).

File 202

A prerequisite test for certification in any Standard Mail (A) presort category along with any applicable Standard Mail (A) test(s) (211–225) of choice. (If you choose to take more than one Standard Mail (A) test, process File 202 only once).

File 203

A prerequisite test for certification in any Standard Mail (A) flats presort category along with any applicable Standard Mail (A) flats test(s) (217–220) of your choice. (If you choose to take more than one Standard Mail (A) flats test, process File 203 only once).

Files 204–210

Include tests for First-Class Mail presort categories.

Files 211–225

Include tests for Standard Mail (A) presort categories.

Files 226–233

Include tests for Periodicals presort categories.

Each test file commands different logic flows; one test might employ the minimum piece rule, while another could use the maximum and minimum pound rules. Each presort scenario is supplied with specific parameters and requirements. Please refer to "Presort Scenario Dimensions and Parameters" (page 37) for a complete description of each test file.

If your product cannot comply with any particular requirement as it is defined, you are **required** to notify the PAVE Department at the NCSC before processing the file. An exception may be granted ONLY if the PAVE Department is contacted in advance and determines that a substituted value will not compromise the integrity of the test.

Each test ordered includes an individualized cover sheet that you are required to return (see Appendix 3, "PAVE Cover Sheet," page 55). The cover sheet will indicate all required hard copy results to be returned. Attach the cover sheet to your hard copy results, and return it with the original electronic media of appended test files. For Gold

certification, a cover sheet is returned twice: once with the electronic test and again with the hard copy output.

The cover sheet includes vital information concerning your company and product. Review each listing carefully, and fill in all blanks. You are responsible for confirming the accuracy of your listing on each cover sheet. Upon successful completion of product testing, the information on the cover sheet will be used for your listing on the *PAVE Certified Developers List*.

List of Presort Scenarios

For PAVE Cycle D, the USPS offers the following domestic presort categories for testing:

Table 1: Presort Scenarios

	PRESORT CATEGORY	TEST NUMBER	ADDITIONAL REQUIRED TESTS
PREREQUISITE TESTS			
1.	First-Class Mail	File 201	None
2.	Standard Mail (A) Mail	File 202	None
3.	Standard Mail (A) Flats	File 203	None
FIRST-CLASS TESTS			
4.	First-Class Multi-Presort File for Letters	File 204	File 201
5.	First-Class Automation Letters	File 205	File 201 & 204
6.	First-Class Non-Automation Letters	File 206	File 201 & 204
7.	First-Class Non-Automation Upgradable Letters	File 207	File 201 & 204
8.	First-Class Automation Flats	File 208	File 201
9.	First-Class Non-Automation Flats	File 209	File 201
10.	First-Class Presorted Parcels	File 210	File 201
STANDARD MAIL (A) TESTS			
11.	Standard Mail (A) Multi-Presort File for Letters	File 211	File 202
12.	Standard Mail (A) Automation Letters	File 212	File 202 & 211
13.	Standard Mail (A) Non-Automation Letters	File 213	File 202 & 211
14.	Standard Mail (A) Non-Automation Upgradable Letters	File 214	File 202 & 211
15.	Standard Mail (A) Enhanced Carrier Route Letters	File 215	File 202 & 216
16.	Standard Mail (A) Enhanced Carrier Route Letters	File 216	File 202 & 215
17.	Standard Mail (A) Automation Flats	File 217	File 202, 203, & 218
18.	Standard Mail (A) Automation Flats	File 218	File 202, 203, & 217
19.	Standard Mail (A) Non-Automation Flats	File 219	File 202, 203, & 220
20.	Standard Mail (A) Non-Automation Flats	File 220	File 202, 203, & 219
21.	Standard Mail (A) Enhanced Carrier Route Flats	File 221	File 202, 203, & 222
22.	Standard Mail (A) Enhanced Carrier Route Flats	File 222	File 202, 203, & 211
23.	Standard Mail (A) Multi-Presort File for Palletized Flats	File 223	File 202 & 203
24.	Standard Mail (A) Irregular Parcels	File 224	File 202 & 225

Table 1: Presort Scenarios (Continued)

	PRESORT CATEGORY	TEST NUMBER	ADDITIONAL REQUIRED TESTS
25.	Standard Mail (A) Irregular Parcels	File 225	File 202 & 224
PERIODICALS TESTS			
26.	Periodicals Multi-Presort File for Letters	File 226	File 227 &/or 228 &/or 229
27.	Periodicals Automation Letters	File 227	File 226
28.	Periodicals Non-Automation Letters	File 228	File 226 & 229
29.	Periodicals Non-Automation Letters	File 229	File 226 & 228
30.	Periodicals Automation Flats	File 230	None
31.	Periodicals Automation Flats	File 231	None
32.	Periodicals Non-Automation Flats	File 232	None
33.	Periodicals Multi-Presort File for Palletized Flats	File 233	None

Note: Process Files 201, 202, and 203 only once.

PAVE Test File Description

Copyright Header Record

The first record in each presort scenario file is a copyright record. Fields one through 14 are supplied by the PAVE Department upon file creation.

If the developer is attempting Gold certification for his or her product, the test file is processed and populates fields 14 through 37 in Table 1 before the electronic test file is sent to the NCSC. This file should be returned to the NCSC in the order in which your software has presorted it, with the header record as the first record. Send only the electronic file(s) and a copy of the PAVE Cover Sheet initially. The PAVE Department will alert you as to when to submit all applicable hard copy documentation for the test file(s).

Note: The appended test files must be given the same names as the originals.

If the developer is attempting Standard certification for his or her product, the test file is processed and all applicable hard copy facimiles, reports, and documentation are sent to the NCSC (see "Required Hard Copy Output," page 34).

The record's components are illustrated in Table 2.

Table 2: Copyright Header Record

Field Seq. Num.	Field Description	Logical Length	Relative Position From / Thru		Sample Data
1.	Copyright Symbol	07	001	007	© USPS
2.	Filler	01	008	008	
3.	Test File Creation Year	04	009	012	1998
4.	Test File Creation Month	02	013	014	08
5.	Test File Creation Day	02	015	016	17
6.	Filler	01	017	017	
7.	AMS II Epoch Year/Month	04	018	021	9808
8.	Filler	01	022	022	
9.	ID Key (Standard Testing Set)	20	023	042	B
10.	ID Key (File Number)	03	043	045	104
11.	Filler	01	046	061	
12.	Entry Point State/County No.	05	062	066	TN030
13.	Filler	01	067	067	
Start of Developer-Supplied Information to Append to Header File (Gold certification only)					
14.	Piece Weight (99V9999)	06	068	073	006250
15.	Filler	01	074	074	
16.	Piece Length (999v9999)	07	075	081	0103750
17.	Filler	01	082	082	

Table 2: Copyright Header Record (Continued)

Field Seq. Num.	Field Description	Logical Length	Relative Position From / Thru		Sample Data
18.	Piece Height (99v9999)	06	083	088	061875
19.	Filler	01	089	089	
20.	Piece Thickness (99v9999)	06	090	095	000425
21.	Filler	01	096	096	
22.	Default Entry Point ZIP Code	05	097	101	44104
23.	Filler	01	102	102	
24.	Year Developer Processed File	04	103	106	1998
25.	Month Developer Processed File	02	107	108	08
26.	Day Developer Processed File	02	109	110	20
27.	Filler	01	111	111	
28.	Advertising Percentage (99v99)	04	112	115	7125
29.	Filler	01	116	116	
30.	Container Compression Factor (9v999)	04	117	120	1055
31.	Filler	01	121	121	
32.	Non-Standard Surcharge	01	122	122	Y
33.	Filler	01	123	123	
34.	AMSII Epoch Developer Processed File	04	124	127	9807
35.	Filler	221	128	341	
36.	Presorted Sequence Number	07	342	348	0000001
37.	Carriage Return/Line Feed	02	349	350	

Data Element Definitions: Developer-Supplied Data

All of the following fields are supplied by the developer. The alpha fields should be left-justified and padded to the right with spaces, and the numeric fields should be right-justified and padded to the left with zeros.

Piece Weight

The Piece Weight field contains the weight of each piece in pounds.

COBOL Picture: 99v9999

Possible Values: Numeric, right-justified

Examples: 000425 001523

Comments: The first two numbers in this field represent whole pounds; the last four represent decimals of a pound. This field will contain the applicable value for the particular presort test scenario you are processing. For example, if you are processing File 204, you would fill Field 15 with a piece weight of 00.060 pounds based on "Presort Scenario Dimensions and Parameters" (see page 37).

Piece Length

The Piece Length field contains the length of each piece in inches.

COBOL Picture: 999v9999

Possible Values: Numeric, right-justified

Examples: 01040625 1051250 0000000

Comments: The first three numbers in this field represent whole inches; the last four represent decimals of an inch. This field will contain the applicable value for the particular presort test scenario you are processing. For example, if you are processing File 204, you would fill Field 17 with a piece length of 9.4 inches based on "Presort Scenario Dimensions and Parameters" (see page 37).

Piece Height

The Piece Height field contains the height of each piece in inches.

COBOL Picture: 99v9999

Possible Values: Numeric, right justified

Examples: 000625 001250 035000

Comments: The first two numbers in this field represent whole inches; the last four represent decimals of an inch. This field will contain the applicable value for the particular presort test scenario you are processing. For example, if you are processing File 204, you would fill Field 19 with a piece height of 4.25 inches based on "Presort Scenario Dimensions and Parameters" (see page 37).

Piece Thickness

The Piece Thickness field contains the thickness of each piece in inches.

COBOL Picture: 99v9999

Possible Values: Numeric, right-justified

Examples: 000625 000125 000000

Comments: The first two numbers represent whole inches, while the last four represent decimals of an inch. This field will contain the applicable value for the particular presort test scenario you are processing. For example, if you are processing File 203, you would

fill Field 18 with a piece thickness of 0.125 inches based on "Presort Scenario Dimensions and Parameters" (see page 37).

Default Entry ZIP Code

The Default Entry ZIP Code field will always contain spaces for multiple entry presorts, but for single-entry presorts, it will contain the default entry ZIP Code for the entire mailing.

COBOL Picture: 9(05).

Possible Values: Numeric, right-justified

Examples: 74523 38119 44103 00000

Comments: This field will contain the applicable value for the particular presort test scenario you are processing. For example. if you are processing File 204, you would fill Field 23 with the ZIP Code of the point of entry listed in "Presort Scenario Dimensions and Parameters" (see page 37).

Year, Month, and Day Developer Processed File

These fields contain the latest date that you processed the test with your software.

COBOL Picture: 9(08) — Year 9(04), Month 9(02), Day 9(02)

Possible Values: Numeric, right-justified

Examples: 19970823 19971225 19980624

Comments: The format of this field will be a 4-digit year, followed by a 2-digit month, followed by a 2-digit day (i.e., YYYYMMDD).

Advertising Percentage

This field contains the percentage of advertising in each piece (Periodicals only). Leave all other classes blank.

COBOL Picture: 99v99

Possible Values: Numeric, right-justified

Examples: 0650 1023 0000

Comments: The first two digits of this field represent whole percentage points, and the last two represent decimals of a percent. The field will contain the applicable value for the particular presort test scenario that you are processing. For example, if you are processing File 225, you would fill Field 26 with an advertising percentage of 74 based on "Presort Scenario Dimensions and Parameters" (see page 37).

Compression Factor

The Compression Factor field contains a compression factor that may be used to override the number of pieces per container, which is usually set by dividing the length of a tray by the thickness of each piece. For instance, if you use a compression factor of 1.07, then you will be permitted to "overfill" a container by up to 107 percent. The lowest compression factor allowed is 1.00 (no compression) and the highest is 1.10 (110 percent compression).

COBOL Picture: 9v999

Possible Values: Numeric in the range of 1000 to 1100

Examples: 1000 1052 1077 1100

Comments: The first digit in this field is the integer of the compression factor, and the last three are the decimal portion of the value. The rules governing the minimum number of pieces that must be in a container do not apply to this field.

Non-Standard Surcharge

The Non-Standard Surcharge field is used to indicate whether or not your software will assign a non-standard surcharge to the pieces in this mailing.

COBOL Picture: x(01).

Possible Value: Alphabetic (Y or N)

Examples: Y N

Comments: You must enter a "Y" or "N" in this field.

AMS II Epoch Developer-Processed File

This field is used to show the epoch (or date) of the City State Product, Delivery Statistics Product, and Module L Labeling List files used to process this file, which allows us to grade your results using the same files used to process the test. In this manner, we can prevent false errors that could occur due to differences in files.

COBOL Picture: 9(04).

Possible Values: Numeric (0001–9912)

Examples: 9803 9912 0211

Comments: This field must be formatted YYMM, i.e., the first two digits must be the year and the second two must be the release month of your City State Product and Delivery Statistics Product. In the examples above, 9803 represents March 1998, 9912 represents December 1999, etc. We assume that your Module L Labeling List Files and Module M CIN table are current as of the epoch date.

Presorted Sequence Number

This field consists of a simple sequence number that is applied to the field after it has been presorted. The PAVE Department will refer to these line numbers when discussing electronic grading results with developers. This number should start with 0000001 in the header record.

COBOL Picture: 9(07)

Possible Values: Numeric

Examples: 0009321 0027116

Test Address Record

The address records in PAVE test files contain elements applicable to one of two groups: 1) input elements comprising the actual test address records and 2) product-supplied answer elements (if Gold certification is sought). Each test address record may or may not include all the address elements necessary to qualify for the particular presort category for which the product is being tested. The test file must not be processed through any address-matching process prior to presort processing because doing so will skew the final results. For address records that do not contain all the necessary address elements to qualify for a particular presort category, either fill the answer fields with spaces or process the pieces for another presort category for which they qualify.

Table 3 contains the address record layout of the test file. Fields 1–14 contain input elements. If Gold certification is sought, the presort product must supply the necessary answer elements in fields 15–39 where applicable.

Table 3: Test Address Record

Field Seq. Num.	Field Description	Logical Length	Relative Position From/Thru		Sample
1.	Sequence Number	07	001	007	0004551
2.	Firm or Recipient	30	008	037	STAR FLEET ACADEMY
3.	Delivery Address	30	038	067	PO BOX 2197
4.	City Name	28	068	095	WORCESTER
5.	State Code	02	096	097	MA
6.	ZIP Code	05	098	102	01601
7.	ZIP+4 Add-On	04	103	106	
8.	Delivery Point	02	107	108	
9.	Carrier Route	04	109	112	B002
10.	LOT Sequence Number	04	113	116	
11.	LOT Ascending/Descending				
12.	Walk Sequence Number	05	118	122	00000
13.	Business/Residential Flag	01	123	123	
14.	Piece Entry State/County No.	05	124	128	TN030
Start of Developer-Supplied Information to Append to Address Record (Gold certification only)					
15.	Piece Entry Point ZIP Code	05	129	133	01601
16.	Pallet ID Answer	06	134	139	000001
17.	Pallet Labeling List Answer	05	140	144	L002A
18.	Pallet Line 1 Label Answer	43	145	187	Worcester MA 016

Table 3: Test Address Record (Continued)

Field Seq. Num.	Field Description	Logical Length	Relative Position From/Thru		Sample
19.	Pallet Sortation Level	04	188	191	3DG
20.	Container ID Answer	06	192	197	000001
21.	Container Labeling List Answer	05	198	202	L002B
22.	Container Line 1 Label Answer	43	203	245	Worcester MA 01601
23.	Container Type Answer	02	246	247	T
24.	Container Sortation Level Answer	04	248	251	5DG
25.	Container Destination Facility ZIP Code	05	252	256	01601
26.	CIN Code	03	257	259	551
27.	Tray Processing Code	02	260	261	07
28.	CIN Verbiage	30	262	291	STD LTRS 5DG NON OCR
29.	Package ID Answer	06	292	297	000001
30.	Package Sortation Level Answer	04	298	301	5DG
31.	Package Destination Answer	05	302	306	01601
32.	Rate Code Answer	07	307	313	PRESORT
33.	Zone Answer	03	314	316	
34.	Destination Entry Answer	01	317	317	
35.	Mail Stream Split Indicator	01	318	318	
36.	Optional Endorsement Line	20	319	338	
37.	Filler	10	339	341	
38.	Presorted Sequence Number	07	342	348	
39.	Carriage Return/Line Feed	02	349	350	

If the developer is attempting Gold certification for a product, he or she processes the test file and populates the developer-supplied fields in Table 2 (see page 15) before sending the electronic test file to the NCSC. No hard copy is returned until requested by the PAVE Department.

Note: This file should be returned to the NCSC in the order in which the software presorted it, with the header record as the first record.

If the developer is attempting Standard certification for a product, the developer processes the test file and sends all applicable hard copy facsimiles, reports, and documentation to the NCSC (see "Required Output," page 34).

Data Element Definitions: Test Address Record

Sequence Number

Each address record has a 7-digit sequence number assigned by the PAVE system and used for identifying specific test records.

COBOL Picture: 9(07)

Possible Values: Numeric, right-justified

Example: 0026897 1364787 0000954

Firm or Recipient

The Firm or Recipient field contains fictitious names of individuals, companies, shopping centers, etc.

COBOL Picture: X(30)

Possible Values: Alphanumeric, left-justified

Example: ABC Firm John Doe

Delivery Address

The Delivery Address field contains fictitious street names, post office numbers, etc.

COBOL Picture: X(30)

Possible Values: Alphanumeric, left-justified

Example: ABC Firm John Doe

City Name

The City Name field provides the name of the city, town, place, or other name by which the 5-digit ZIP Code associated with the test address is officially known.

COBOL Picture: X(28)

Possible Values: Alphanumeric, left-justified

Examples: TUSCUMBIA ROSWELL LEAVENWORTH

State Code

The State Code field is the standard state or US territory abbreviation found in the following publications: *ZIP+4 Technical Guide*; Publication 28, *Postal Addressing Standards*; and the appendix of Publication 65, *National ZIP+4 Code and Post Office Directory.*

COBOL Picture: X(02)

Possible Values: Alphabetic

Examples: AL NM KS

ZIP Code

Each record has a 5-digit ZIP Code that represents an area within a state, an area that crosses state boundaries (unusual condition), a single building, or a company that has a very high mail volume. The 5-digit ZIP Code is assigned by City State Product. ZIP is an acronym for Zone Improvement Plan.

COBOL Picture: 9(05)

Possible Values: Numeric, right-justified

Examples: 38188 20268 92045

ZIP+4 Add-On

Most, but not all, test records will be supplied a fictitious 4-digit add-on code assigned to the address.

COBOL Picture: X(04)

Possible Values: Numeric or spaces

Examples:

38188-**0001** 20268-**9998** 92045-**6217**

Comments: This field is provided by the PAVE system. However, under certain presort scenarios—automation in particular—this field may be left blank for certain address records. This allows various records to have only a 5-digit ZIP Code, while others have a 5-digit ZIP Code with a ZIP+4 add-on. As a result, those address records having complete 5-digit ZIP Codes with an add-on are considered capable of producing delivery point barcodes; however, records containing only numeric 5-digit ZIP Codes cannot produce barcodes.

Delivery Point

The Delivery Point field contains the delivery point from the fictitious street address.

COBOL Picture: 9(02)

Possible Values: Numeric

Examples: 66 21 78

Carrier Route

Various records may have an actual 4-digit carrier route identification number associated with the input ZIP Code and assigned by the PAVE system from Delivery Statistics Product. Do not perform address-matching on any PAVE file.

COBOL Picture: X(04)

Possible Values: Alphanumeric or spaces

Examples: B001 H002 C003 R004

LOT Sequence Number

The line of travel (LOT) number indicates the order in which each add-on code is delivered within a carrier route.

COBOL Picture: X(04)

Possible Values: Numeric or spaces

Examples: 0001A 0002D 0003A

Comments: This field is provided by the PAVE system and, under most presort scenarios, is left blank. However, under the Standard Mail Enhanced Carrier Route test scenarios, the LOT sequence number and the LOT ascending/descending code will be given. For these tests, sufficient address records will be given to various carrier routes that will qualify for either the ECR Basic, ECR High-Density, or the Walk Saturation rates. It is up to your presort software to determine which addresses qualify for these rates.

LOT Ascender/ Descender Designator

The line of travel (LOT) ascending/descending code for an add-on code indicates whether delivery is made to each delivery point in ascending or descending order. The LOT number indicates the order of delivery to each add-on code within a carrier route.

COBOL Picture: X(01)

Possible Values: Alphabetic or spaces

Examples: 0001A 0002D 0003A

Comments: This field is provided by the PAVE system and, under most presort scenarios, left blank. However, under the Standard Mail Enhanced Carrier Route test scenarios, the LOT sequence number along with the LOT ascending/descending code will be given. For these tests, sufficient address records will be given to various carrier routes that will qualify for either the ECR Basic, ECR High-Density, or the Walk Saturation rate. It is up to your presort software to determine which addresses qualify for these rates based on the address elements given.

Walk Sequence Number

The walk sequence number indicates the sequential order in which each delivery is made within a carrier route.

COBOL Picture: X(05)

Possible Values: Alphanumeric

Examples: 00001 00125 00568

Comments: This field is provided by the PAVE system and, under most presort scenarios, is left blank. However, under the Standard Mail Enhanced Carrier Route test scenarios, the walk sequence number will be given. For these tests, sufficient address records will be given to various carrier routes that will qualify for either the ECR Basic, ECR High-Density, or the Walk Saturation rate. It is up to your presort software to determine which addresses qualify for these rates based on the address elements given.

Business/Residential Flag Code

This field contains a business or residential flag code for Standard Mail (A) Enhanced Carrier Route mailings. Use of this code will enable you to accrue residential and business piece totals within a carrier route.

COBOL Picture: X(01)

Possible Values: B, R, or spaces

Comments: This field is provided by the PAVE system and, under most presort scenarios, is left blank. However, under the Standard Mail (A) Enhanced Carrier Route test scenarios, this flag will be set.

Piece Entry State/County Number

This field contains the state and county number to be used for this address. It is one of several possible state and county numbers for this ZIP Code and is used only in Periodicals mailings.

COBOL Picture: 9(05)

Possible Values: All numbers

Examples: 14030 21070 02002

Piece Entry ZIP Code

The Piece Entry ZIP Code field contains the destination entry ZIP Code for multiple-entry mailings. It will be filled with spaces for single-entry mailings, but must contain the ZIP Code of the destination entry for this piece in multiple mailings.

COBOL Picture: X(05)

Possible Values: All numbers or all spaces

Examples: 44104 spaces 94116

Comments: If the address record is excluded from the presort scenario due to incomplete address elements required to qualify, then this field should be filled with a space.

Pallet ID Answer

The Pallet ID Answer field contains the ID number of the pallet assigned to the address record.

COBOL Picture: 9(06)

Possible Values: Numeric, right-justified

Examples: 000332 000001 223154

Comments: If the address record is excluded from the presort scenario due to incomplete address elements, then this field should be filled with spaces. Otherwise, this field must contain a pallet ID number if the record is a part of a palletized mailing. In addition, each pallet number must be unique, e.g., there cannot be more than one pallet number 12 in the mailing.

Pallet Labeling List Answer

This field must contain the correct labeling list and list column, when applicable, assigned to the address record. Do no use the USPS electronic labeling list names (e.g., L004B). Instead, use the generic DMM name (e.g., L004).

COBOL Picture: X(05)

Possible Values: Alphanumeric or spaces, left-justified

Examples: L002A L003 L801

Comments: If the address record is excluded from the presort scenario due to incomplete address elements or qualifies for a container that does not use the labeling list (i.e., 5-digit tray), then this field should be filled with spaces.

Pallet Line 1 of Label Answer

The first line of a pallet label contains several elements, including a destination facility code prefix (if applicable), city, state, ZIP Code, and descender from the appropriate DMM Module L Labeling List. This information must be included in every name and address record when DMM Module L Labeling Lists comprise line 1 information.

COBOL Picture: X(43)

Possible Values: Alphanumeric, left-justified

Examples: AADC SACRAMENTO CA 956 BMC PHIL PA 19205 005

TRENTON NJ 085 SCF PORTLAND OR 970

Comments: This is a test of content rather than form. The spacing between the elements in this field will be ignored, and only the contents of the various elements that comprise the field will be checked. Also, this field will only be checked if the DMM Module L Labeling Lists are used in the presort level for this piece; otherwise, this field is not checked. If the address record is excluded from the presort scenario due to incomplete address elements required to qualify, then these fields should be filled with spaces.

Pallet Sortation Level Answer

The Pallet Sortation Level Answer field must contain the designation of the actual sortation level of the container assigned to the address record.

COBOL Picture: X(04)

Possible Values: Alphanumeric or spaces, left-justified

Examples: CRD 3DGS MADC SCF MBMC

Comments: If the address record is excluded from the presort scenario due to incomplete address elements, then this field should be filled with spaces. Otherwise, the appropriate sortation level from the following table must be assigned to this field.

Sortation Level	Code
Carrier Route–Direct	CRD
5-digit	5DG
3-digit	3DG
SCF	SCF
ADC	ADC
Mixed ADC	MADC
BMC	BMC
ASF	ASF
Mixed BMC	MBMC

Container ID Answer

The Container ID Answer contains the ID number of the container assigned to the address record.

COBOL Picture: 9(06)

Possible Values: Numeric, right-justified

Examples: 000333 000001 223154

Comments: If the address record is excluded from the presort scenario due to incomplete address elements, this field should be filled with spaces. Otherwise, this field must contain a container ID number if the record is part of a palletized mailing. In addition, each pallet number must be unique, e.g., there cannot be more than one pallet number 12 in the mailing.

Container Labeling List Answer

This field must contain the correct labeling list and appropriate column, when applicable, assigned to the address record. Do not use the USPS electronic labeling list names (e.g., L004B). Instead, use generic DMM names (e.g., L004).

COBOL Picture: X(05)

Possible Values: Alphanumeric or spaces, left-justified

Examples: L002A L003 L801

Comments: If the address record is excluded from the presort scenario due to incomplete address elements or qualifies for a container that does not use the labeling list (i.e., 5-digit tray), then this field should be filled with spaces.

Container Line 1 of Label Answer

The first line of a container label is comprised of several elements, including a destination facility code prefix (if applicable), city, state, ZIP Code, and descender from the appropriate DMM Module L Labeling List. This information must be shown for every

name and address record when the DMM Module L Labeling Lists comprise line 1 information.

COBOL Picture: X(43)

Possible Values: Alphanumeric, left-justified

Examples: AADC SACRAMENTO CA 956 BMC PHIL PA 19205 005

TRENTON NJ 085 SCF PORTLAND OR 970

Comments: This is a test of content rather than form. The spacing between the elements in this field will be ignored, and only the contents of the various elements that comprise the field will be checked. Also, this field will only be checked if the DMM Module L Labeling Lists are used in the presort level for this piece. If the address record is excluded from the presort scenario due to incomplete address elements, then these fields should be filled with spaces.

Container Type Answer

The Container Type Answer field must contain the designation of the type of container assigned to the address record.

COBOL Picture: X(02)

Possible Values: Alphanumeric or spaces

Examples:

1 2 S T P2

Comments: If the address record is excluded from the presort scenario due to incomplete address elements, then these fields should be filled with spaces. Otherwise, it must contain the appropriate code from the table below. If you are using pallets, you must put a code "P" in the first byte of this field and the "sub" container type in the second byte.

Table 4: Contain Type Codes

Container Type	Code
One Foot Tray	1
Two Foot Tray	2
Sacks (Standard Mail and Periodicals flats)	S
Flat Tray (First-Class Mail)	T
Pallets (Standard Mail and Periodicals flats)	P
EMM Tray	E

Container Sortation Level Answer

This field must contain the designation of the actual sortation level of the container assigned to the address record.

COBOL Picture: X(04)

Possible Values: Alphanumeric or spaces, left-justified

Examples: CRD 3DGS MADC SCF MBMC

Comments: If the address record is excluded from the presort scenario due to incomplete address elements, this field should be filled with spaces. Otherwise, the appropriate sortation level from the following table must be assigned to this field.

Table 5: Container Sortation Level Codes

Sortation Level	Code
Carrier Route–Direct	CRD
5-digit Carrier Routes	CR5
5-digit	5DG
5-digit Scheme (barcoded letters)	5DGS
3-digit Carrier Routes	CR3
3-digit	3DG
3-digit Schemes (barcoded Letters)	3DGS
ADC	ADC
AADC	AADC
Mixed ADC	MADC
Mixed AADC	MAAD
SCF (pallets)	SCF
BMC or ASF	BMC or ASF
Mixed BMC	MBMC

Container Destination Facility ZIP Code

This field contains the 3- or 5-digit ZIP Code destination for this container from the appropriate DMM Module L Labeling List or mailpiece address depending upon the sortation level assigned.

COBOL Picture: X(05)

Possible Values: Alphanumeric, left-justified

Examples: 94117 381 441

Comments: If the address record is excluded from the presort scenario due to incomplete address elements, then these fields should be filled with spaces.

3-Digit Content Identifier Number (CIN Code)

The CIN Code is derived from Exhibit 1.3a in DMM, M032.1.3.

COBOL Picture: 9(03)

Possible Values: Numeric

Examples: 487 252 489

Comments: If the address record is excluded from the presort scenario due to incomplete address elements, then these fields should be filled with spaces.

Tray Processing Code

For trays only. See DMM, M032.2.4.b for information on the processing code.

COBOL Picture: 9(02)

Possible Values: Numeric

Examples: 01 07

Comments: If the address record is excluded from the presort scenario due to incomplete address elements, then these fields should be filled with spaces.

CIN Verbiage

This field must contain the appropriate verbiage from the Content Identifier Numbers Table in DMM, M032.1.3, Exhibit 1.3a, plus any required suffixes for the CIN used.

COBOL Picture: X(30)

Possible Values: Alphanumeric

Examples: STD LTRS 5D UPGR PER IRREG WSS

FCM LTRS BC SCHEME A

Comments: If the address record is excluded from the presort scenario due to incomplete address elements, then these fields should be filled with spaces.

Package ID Answer

This field contains the package ID number assigned to the address record.

COBOL Picture: Numeric, right justified

Examples: 00006 00033 00953

Comments: If the address record is excluded from the presort scenario due to incomplete address elements, then these fields should be filled with spaces. An ID should only be included in this field if the address record is part of a package created under DMM M020.

Package Sortation Level Answer

This field must contain package sortation level designation assigned to the address record.

COBOL Picture: X(04)

Possible Values: Alphanumeric or spaces, left-justified

Examples: CRD 5DG MADC FIRM

Comments: If the address record is excluded from the presort scenario due to incomplete address elements, then these fields should be filled with spaces. Otherwise, the appropriate sortation level from the following table must be assigned to this field if the address record is part of a package created under DMM M020.

Table 6: Package Sortation Level Codes

Package Sortation Level	Codes
Firm	FIRM
Carrier Route	CRD
5-digit	5DG

Table 6: Package Sortation Level Codes

Package Sortation Level	Codes
3-digit	3DG
ADC	ADC
AADC	AADC
Mixed ADC	MADC
SCF (pallets)	SCF

Package Destination Answer

This field contains the 3- or 5-digit ZIP Code destination for this package from the appropriate DMM Module L Labeling List or mailpiece address, depending upon the sortation level assigned.

COBOL Picture: X(05)

Possible Values: Alphanumeric or spaces, left-justified

Examples: 94116 381 441

Comments: If the address record is excluded from the presort scenario due to incomplete address elements, then these fields should be filled with spaces.

Rate Code Answer

The Rate Code Answer field must contain the postage rate code assigned to the address record.

COBOL Picture: X(07)

Possible Values: Alphanumeric or spaces, left-justified

Examples: 5B 3B 3/5

Comments: Customers seeking PAVE Gold certification must place the correct postage rate code provided by their presort software for the test address record for which it qualifies in the Rate Code Answer field. Use the following table, which is based on DMM P012, to assign the correct rate code to the address record.

Table 7: Rate Code Answers

Rate	Association	Code
5-digit (letters/cards)	Automation	5B
3-digit (letters/cards)	Automation	3B
3/5 (flats)	Automation	3/5B
Basic (letters, cards, and flats)	Automation	BB
Presorted First-Class	Non-Automation	Presort
3/5	Non-Automation	3/5
Basic	Non-Automation	BS
Saturation	Carrier Route	WS
High Density	Carrier Route	HD
Basic	Carrier Route	CR
Basic Automation (letters)	Automation/Carrier Route	CB
Single Piece	NA	SP

Table 7: Rate Code Answers (Continued)

Rate	Association	Code
5-Digit (Periodicals letters, flats, and parcels)	Non-Automation	5D
3-Digit (Periodicals letters, flats, and parcels)	Non-Automation	3D
Single Piece	Non-Presorted	SP

Zone Answer

The Zone Answer field, which is based on DMM P012, must contain the zone assigned to the address records (Periodicals only).

COBOL Picture: X(03)

Possible Values: Alphanumeric or space, left justified

Examples: 1 2 DDU 8

Comments: If the address record is excluded from the presort scenario due to incomplete address elements, then these fields should be field with spaces. Use the following table to assign the correct rate code to the address record.

Table 8: Zone Abbreviations

Zone Abbreviation	Rate Equivalent
ICD	In-County, DDU
IC	In-County, others
DDU	Outside-County, DDU
SCF	Outside-County, DSCF
1-2 or 1/2	Zones 1 and 2
3, 4, 5, 6, 7, or 8 (as applicable)	Zones 3–8 (as applicable)
M	Mixed Zones

Destination Entry Answer

The Destination Entry Answer field must contain the correct designator of the destination entry discount assigned to the address record (Standard Mail and Periodicals only).

COBOL Picture: X(01)

Possible Values: Alpha or space

Examples: D S B N Space

Comments: If the address record qualifies for one of the destination entry discounts, this field should contain one of the designators in the following table. Otherwise, if the address falls outside of the destination entry area or is excluded from the presort scenario due to incomplete address elements, then this field should be filled with spaces.

Table 9: Destination Entry Codes

Destination Entry	Code
Destination Entry Unit	D
Destination SCF	S
Destination BMC	B
None	N or space

Mailstream Split Answer

This field must contain a designator assigned to the address record that represents the mailstream/presort category in which the mailpiece is placed if the file is split into different presorts. Use a different alpha designator for each of the mailstreams.

COBOL Picture: X(01)

Possible Values: Alpha or space

Examples: A B C space

Comments: Some of the test scenarios are designed such that various address records will only qualify for a particular presort, while other records within the file may qualify and be sorted to another, "finer" presort.

If your presort product has the ability to optimize an address file by splitting it into several presorts to qualify for the overall lowest possible postage, use this field to designate the mailstream/presort category in which the address record is included. If your presort product does not perform optimization and you submit this multi-presort scenario as one mailing, this field should be filled with spaces. Furthermore, this field is filled with a space if the test scenario you are processing results in a single presort mailing in which most of the address records qualify for the same presort and the remainder, if any, does not qualify for any presort due to incomplete address elements.

Use the mail split codes in the following table.

Table 10: Mail Split Codes

Code	Class
A	First-Class Auto Letters
B	First-Class Non-Auto Letters
C	First-Class Non-Auto Upgradable Letters
D	First-Class Auto Flats
E	First-Class Non-Auto Flats
F	First-Class Presorted Parcels
G	Standard Mail (A) Auto Letters
H	Standard Mail (A) Non-Auto Letters
I	Standard Mail (A) Non-Auto Upgradable Letters

Table 10: Mail Split Codes (Continued)

Code	Class
J	Standard Mail (A) Auto Flats
K	Standard Mail (A) Non-Auto Flats
L	Standard Mail (A) Non-Auto Enhanced Carrier Route Letters
M	Standard Mail (A) Non-Auto Enhanced Carrier Route Flats
N	Standard Mail (A) Irregular Parcels
O	Palletization for Standard Mail IA) Flats
P	Periodicals Auto Letters
Q	Periodicals Non-Auto Letters
R	Periodicals Auto Flats
S	Periodicals Non-Auto Flats
T	Palletization for Periodicals Flats

Obviously, when splitting files, very effort should be made to sort each record using one of the presort types currently being tested. However, if this is not possible, use the letter "x" for these pieces and attach a text file indicating by file what "x" represents.

Optional Endorsement Line

This field contains the actual optional endorsement line, if produced.

COBOL Picture: X(20)

Possible Values: Alphanumeric or spaces, left-justified.

Example: CAR-RT SORT**C-001

Comments: If the address record is excluded from the presort scenario due to incomplete address elements, this field should be filled with spaces. If you are not producing an optional endorsement line, this field will be filled with spaces. If you are producing endorsement lines, you must adhere to the DMM M013 standards.

Presorted Sequence Number

This field contains a sequential number that must be applied after the file has been presorted.

COBOL Picture: 9(07)

Possible Values: Numeric, right-justified, padded with zeroes.

Example: 0002234

0012378

Comments: This number should begin with 0000001 in the header record and continue increasing by one until the end of the file is reached.

Required Hard Copy Output

An added benefit of the PAVE program is the examination of computer-generated facsimiles and additional presort documentation for national approval. After processing the presort scenario, developers must return the PAVE Cover Sheet and all specified hard copy results to the NCSC.

Hard copy results for Gold and Standard certification include the following:

- Completed cover sheet (provided to you by the PAVE Department)
- Parameter Report (parameters used to run the test file if generated by your presort product)
- USPS Qualification Report
- All documentation indicated by the PAVE Department on the test file cover sheet.
- Completed Postage Statement (computer-generated facsimile of the PS form number indicated by the PAVE Department on the test file cover sheet)
- Tray/sack labels (if produced by your product and indicated by the PAVE Department on the test file cover sheet)

Facsimile Postage Statement Type

PAVE will be testing the feasibility of grading facsimile postage statements electronically during this cycle. As with our efforts to grade test decks electronically, this program is purely voluntary; however, participation is simple, and this process saves time, which benefits everyone involved. There is no formal record layout for electronic postage statement facsimile grading. We only ask that you provide us a plain ASCII or EBCDIC text file version of your facsimile postage statement. This file should be given the same name as the name and address test file associated with it but with the extension ".FAC." For example, if the name of your name and address test file is 0001659.TST, then your facsimile test file should be named 0001659.FAC.

Tray and Sack Labels

The PAVE certification process includes analysis of both barcoded and non-barcoded tray and sack labels. If your presort product produces tray and sack labels, they should be returned with your documentation for review. The PAVE Department will examine labels for correct usage of labeling list tables and formatting of line 1 (destination), line 2 (contents), and line 3 (office of mailing or mailer information) based on DMM M031 standards.

Barcoded labels will be forwarded to the Barcode Certification Department for analysis of the Interleaved 2/5 Barcode. Barcode scanners and microscopic equipment will be used to analyze and verify the point size of alphanumerics, bar height, and bar width according to DMM M032. A compliance report will be provided to you, and all products that properly produce barcoded labels will be indicated on the *PAVE Certified Developer's List.*

Standardized Documentation

Standardized documentation (i.e., USPS Qualification Report) must meet the USPS standards set forth in DMM P012. The following is a brief description of the requirements of the USPS Qualification Report and steps for preparing the report. Numbers 1-7 describe the header information required on the top of each page of the standardized documentation. Each number on this page corresponds to a number in the sample report on the next page.

1.	**Report:**	USPS Qualification Report	(Only acceptable name for the report)
2.	**Entry:**	Memphis TN 380	(Where your mail is being entered)
3.	**Sort:**	First-Class, DMM M810	(Presort category and DMM reference)
4.	**Mailer:**	Gump's Mailing Service	(Name of the mailer)
5.	**Mail ID:**	12345ABC	(Job ID applicable to the mailer)
6.	**Date:**	10/29/96	(Date that the mailing is deposited)
7.	**Page:**	1	(Each page is required to be numbered sequentially)

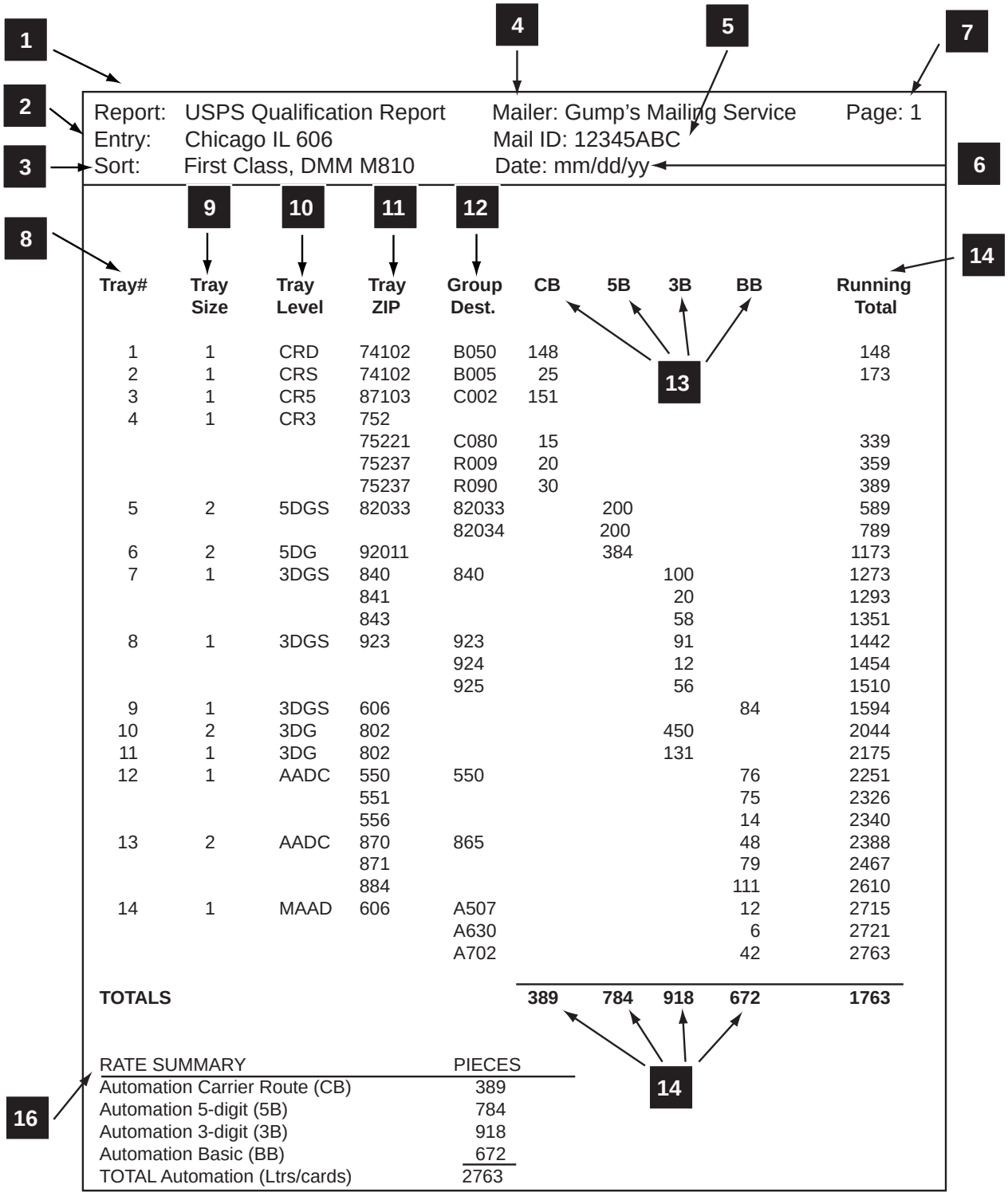
Under the heading of the report, information that will be needed to verify your mail is listed in columns.

8.	**Tray/Sack #**	(Numbers the containers for verification)
9.	**Tray Size**	(Applicable to MM Trays only, as 1' and 2' trays are available)
10.	**Tray Level**	(Informs acceptance clerk of contents of the container; may be found in DMM P012)
11.	**Tray ZIP**	(Container destination, according to the labeling list)
12.	**Group Dest.**	(Groups within the container)
13.	**Rates**	(Actual names of the rate level or corresponding abbreviations can be found in DMM P012.) Codes that inform the clerk of the rate claimed within the container: CB (Carrier Route Barcoded), 5B (5-digit Barcoded), 3B (3-digit Barcoded), and BB (Basic Barcoded).
14.	**Running Total**	(Total number of pieces added by containers)
15.	**Totals**	(Total pieces by rate; must equal running total)
16.	**Rate Summary**	(Lists each rate category and total pieces claimed at each rate—total must equal the grand total of your running total)

Standardized Documentation Sample

First-Class Mail Automation—Letters/Cards, DMM M810

Notes: Report tray number and size if information is available. In column 12, report each separate group within a tray level, including carrier routes, 3- and 5-digits, ADCs, or AADCs.



Tray#	Tray Size	Tray Level	Tray ZIP	Group Dest.	CB	5B	3B	BB	Running Total
1	1	CRD	74102	B050	148				148
2	1	CRS	74102	B005	25				173
3	1	CR5	87103	C002	151				
4	1	CR3	752						
			75221	C080	15				339
			75237	R009	20				359
			75237	R090	30				389
5	2	5DGS	82033	82033		200			589
				82034		200			789
6	2	5DG	92011			384			1173
7	1	3DGS	840	840			100		1273
			841				20		1293
			843				58		1351
8	1	3DGS	923	923			91		1442
				924			12		1454
				925			56		1510
9	1	3DGS	606					84	1594
10	2	3DG	802				450		2044
11	1	3DG	802				131		2175
12	1	AADC	550	550				76	2251
			551					75	2326
			556					14	2340
13	2	AADC	870	865				48	2388
			871					79	2467
			884					111	2610
14	1	MAAD	606	A507				12	2715
				A630				6	2721
				A702				42	2763
TOTALS					**389**	**784**	**918**	**672**	**1763**

RATE SUMMARY	PIECES
Automation Carrier Route (CB)	389
Automation 5-digit (5B)	784
Automation 3-digit (3B)	918
Automation Basic (BB)	672
TOTAL Automation (Ltrs/cards)	2763

Presort Scenario Dimensions and Parameters

The values shown below must be used for the following tests. For testing purposes, process the test file through your presort software/hardware using the given parameters. The 5-digit ZIP Codes and carrier routes of the addresses within the test file have been pulled from City State Product and Delivery Statistics Product, respectively, and are updated monthly. Be sure to use the same directory month version listed in the header record of each file. The recipient name, delivery address, add-on code, LOT number, and walk sequence number are fictitious. No address matching or standardization is to be performed on the file as this may skew the results.* It is your responsibility to ensure that the presort processing creates a valid presort mailing.

* If address-matching or standardization is integrated into the software, simply disable it.

Prerequisite Tests

To become certified in any First-Class Mail presort category, the product must complete File 201 successfully, along with any First-Class test(s) (204–210) of choice. Use the applicable parameters and options specified below.

File Number	File 201	Piece Description	Identical
Total Records	500	Piece Weight	0.06 lbs.
Mail Class	First-Class	Piece Length	Letter–9.0 inches Flat–11.0 inches
Presort Level	Automation OR Non-Automation DMM M810 OR M130	Piece Height	Letter–4.5 inches Flat–8 inches
Presentation Level	Trays OR Flat Trays	Piece Thickness	Letter–0.042 inches Flat–0.085 inches
Processing Category	Letters OR Flats	Point of Entry	Memphis TN 38101
Sortation Levels Allowed	Optional & Required	2' Tray Length	21 inches
		1' Tray Length	10.25 inches
		Flat Tray Maximum	11.25 inches
		Flat Tray Minimum	8 inches

To become certified in any Standard Mail (A) presort category, the product must complete File 202 successfully, along with any Standard Mail (A) test(s) (211–225) of choice. Use the applicable parameters and options specified below.

File Number	File 202	Piece Description	Identical
Total Records	200	Piece Weight	0.06 lbs.
Mail Class	Standard Mail (A)	Piece Length	Letter–9.0 inches Flat–11.0 inches
Presort Level	Automation OR Non-Automation DMM M810 OR M610	Piece Height	Letter–4.5 inches Flat–8 inches
Presentation Level	Trays OR Sacks	Piece Thickness	Letter–0.042 inches Flat–0.085
Processing Category	Letters OR Flats	Point of Entry	Memphis TN 38101
Sortation Levels Allowed	Optional & Required	2' Tray Length	21 inches
		1' Tray Length	10.25 inches
		Sack Maximum	70 lbs.
		Sack Minimum	125 pieces or 15 lbs.

To become certified in any Standard Mail (A) Flats presort category, the product must complete File 203 successfully, along with any Standard Mail (A) Flats test(s) (217–223) of choice. Use the applicable parameters and options specified below.

File Number	File 203	Piece Description	Identical
Total Records	199	Piece Weight	0.2519 lbs.
Mail Class	Standard Mail (A)	Piece Length	11 inches
Presort Level	Automation OR Non-Automation DMM M810 OR M610	Piece Height	8.5 inches
Presentation Level	Sacks	Piece Thickness	0.125
Processing Category	Flats	Point of Entry	Memphis TN 38101
Sortation Levels Allowed	Required	Sack Maximum	70 lbs.
		Sack Minimum	125 pieces or 15 lbs.

First-Class Tests

File Number	File 204*	Piece Description	Identical
Total Records	77,680	Piece Weight	0.06 lbs.
Mail Class	First-Class	Piece Length	9.40 inches
Presort Level	Automation & Non-Automation	Piece Height	4.25 inches
Presentation Level	Trayed	Piece Thickness	0.056 inches
Processing Category	Letters	Point of Entry	Dutzow MO 63342
Sortation Levels Allowed	Optional & Required	2' Tray Length	21 inches
* Additional Required Tests	Files 201, 205, and/or 206 and/or 207	1' Tray Length	10.25 inches

File Number	File 205*	Piece Description	Identical
Total Records	41,848	Piece Weight	0.0613 lbs.
Mail Class	First-Class	Piece Length	8.75 inches
Presort Level	Automation DMM M810	Piece Height	4.5 inches
Presentation Level	Trayed	Piece Thickness	0.044 inches
Processing Category	Letters	Point of Entry	Denniston KY 40316
Sortation Levels Allowed	Optional & Required	2' Tray Length	21 inches
* Additional Required Tests	Files 201 and 204	1' Tray Length	10.25 inches

File Number	File 206*	Piece Description	Identical
Total Records	29,843	Piece Weight	0.055 lbs.
Mail Class	First-Class	Piece Length	10.75 inches
Presort Level	Non-Automation DMM M130	Piece Height	6.125 inches
Presentation Level	Trayed	Piece Thickness	0.042 inches
Processing Category	Letters	Point of Entry	Arvonia VA 23004
Sortation Levels Allowed	Optional & Required	EMM Tray Length	21.75 inches
* Additional Required Tests	Files 201 and 204		

File Number	File 207*	Piece Description	Identical
Total Records	24,518	Piece Weight	0.0575 lbs.
Mail Class	First-Class	Piece Length	8.55 inches
Presort Level	Non-Automation Upgradable DMM M130	Piece Height	4.30 inches
Presentation Level	Trayed	Piece Thickness	0.042 inches
Processing Category	Letters	Point of Entry	Blencoe IA 51523
Sortation Levels Allowed	Optional & Required	2' Tray Length	21 inches
* Additional Required Tests	Files 201 and 204	1' Tray Length	10.25 inches

File Number	File 208*	Piece Description	Identical
Total Records	27,277	Piece Weight	0.15 lbs.
Mail Class	First-Class	Piece Length	10.75 inches
Presort Level	Automation DMM M820	Piece Height	7.5 inches
Presentation Level	Flat Trayed	Piece Thickness	0.095 inches
Processing Category	Flats	Point of Entry	Prides Crossing MA 01965
Sortation Levels Allowed	Optional & Required	Flat Tray Maximum	11.25 inches
* Additional Required Tests	Files 201	Flat Tray Minimum	8.0 inches

File Number	File 209*	Piece Description	Identical
Total Records	27,309	Piece Weight	0.1369 lbs.
Mail Class	First-Class	Piece Length	11 inches
Presort Level	Non-Automation DMM M130	Piece Height	8.5 inches
Presentation Level	Flat Trayed	Piece Thickness	0.124 inches
Processing Category	Flats	Point of Entry	Charlotte NC 28273
Sortation Levels Allowed	Required	Flat Tray Maximum	11.25 inches
* Additional Required Tests	File 201	Flat Tray Minimum	8 inches

File Number	File 210*	Piece Description	Identical
Total Records	27,161	Piece Weight	0.5313 lbs.
Mail Class	First-Class	Piece Length	7.25 inches
Presort Level	Presorted DMM M130	Piece Height	4 inches
Presentation Level	Sacked	Piece Thickness	0.45 inches
Processing Category	Parcels	Point of Entry	Manhattan KS 66502
Sortation Levels Allowed	Required	Sack Maximum	70 lbs.
* Additional Required Tests	File 201	Sack Minimum	10 lbs.

Standard Mail (A) Tests

File Number	File 211*	Piece Description	Identical
Total Records	78,087	Piece Weight	0.0556 lbs.
Mail Class	Standard Mail (A)	Piece Length	9.75 inches
Presort Level	Automation & Non-Automation DMM M810 and/or M610	Piece Height	4.3 inches
Presentation Level	Trayed	Piece Thickness	0.040 inches
Processing Category	Letters	Point of Entry	Louisville KY 40251
Sortation Levels Allowed	Optional & Required	2' Tray Length	21 inches
* Additional Required Tests	Files 202, 212, and/or 213 and/or 214	1' Tray Length	10.25 inches

File Number	File 212*	Piece Description	Identical
Total Records	41,847	Piece Weight	0.0575 lbs.
Mail Class	Standard Mail (A)	Piece Length	10.75 inches
Presort Level	Automation DMM M810	Piece Height	6.125 inches
Presentation Level	Trayed	Piece Thickness	0.042 inches
Processing Category	Letters	Point of Entry	Trenton NJ 08611
Sortation Levels Allowed	Optional & Required	EMM Tray Length	21.75 inches
* Additional Required Tests	Files 202 and 211		

File Number	File 213*	Piece Description	Identical
Total Records	29,541	Piece Weight	0.0613 lbs.
Mail Class	Standard Mail (A)	Piece Length	8.75 inches
Presort Level	Non-Automation DMM M610	Piece Height	4.5 inches
Presentation Level	Trayed	Piece Thickness	0.044 inches
Processing Category	Letters	Point of Entry	Big Foot TX 78005
Sortation Levels Allowed	Required	2' Tray Length	21 inches
* Additional Required Tests	Files 202 and 211	1' Tray Length	10.25 inches

File Number	File 214*	Piece Description	Identical
Total Records	24,010	Piece Weight	0.0575 lbs.
Mail Class	Standard Mail (A)	Piece Length	8.55 inches
Presort Level	Non-Automation Upgradable DMM M610	Piece Height	4.30 inches
Presentation Level	Trayed	Piece Thickness	0.049 inches
Processing Category	Letters	Point of Entry	Boise ID 83715
Sortation Levels Allowed	Optional & Required	2' Tray Length	21 inches
*Additional Required Tests	Files 202 and 209	1' Tray Length	10.25 inches

File Number	File 215*	Piece Description	Identical
Total Records	27,960	Piece Weight	0.0613 lbs.
Mail Class	Standard Mail (A)	Piece Length	9.25 inches
Presort Level	Enhanced Carrier Route DMM M620 and/or M810	Piece Height	4.6 inches
Presentation Level	Trayed	Piece Thickness	0.043 inches
Processing Category	Letters	Point of Entry	Loyalton CA 96118
Sortation Levels Allowed	Optional & Required	2' Tray Length	21 inches
* Additional Required Tests	Files 202 and 216	1' Tray Length	10.25 inches

File Number	File 216*	Piece Description	Identical
Total Records	12,762	Piece Weight	0.0556 lbs.
Mail Class	Standard Mail (A)	Piece Length	8.25 inches
Presort Level	Enhanced Carrier Route DMM M620 and/or M810 and/or M610	Piece Height	4.25 inches
Presentation Level	Trayed	Piece Thickness	0.052 inches
Processing Category	Letters	Point of Entry	Glendale CA 91214
Sortation Levels Allowed	Optional & Required	2' Tray Length	21 inches
* Additional Required Tests	Files 202 and 215	1' Tray Length	10.25 inches

File Number	File 217*	Piece Description	Identical
Total Records	27,266	Piece Weight	0.1119 lbs.
Mail Class	Standard Mail (A)	Piece Length	10.75 inches
Presort Level	Automation DMM M820	Piece Height	7.5 inches
Presentation Level	Sacked	Piece Thickness	0.095 inches
Processing Category	Flats	Point of Entry	Shutesbury MA 01072
Sortation Levels Allowed	Required	Sack Maximum	70 lbs.
* Additional Required Tests	Files 202, 203, and 218	Sack Minimum	125 pieces or 15 lbs.

File Number	File 218*	Piece Description	Identical
Total Records	27,863	Piece Weight	0.1331 lbs.
Mail Class	Standard Mail (A)	Piece Length	11 inches
Presort Level	Automation DMM M820	Piece Height	8.5 inches
Presentation Level	Sacked	Piece Thickness	0.134 inches
Processing Category	Flats	Point of Entry	Niagara Falls NY 14305
Sortation Levels Allowed	Required	Sack Maximum	70 lbs.
* Additional Required Tests	Files 202, 203, and 217	Sack Minimum	125 pieces or 15 lbs.

File Number	File 219*	Piece Description	Identical
Total Records	27,968	Piece Weight	0.1331 lbs.
Mail Class	Standard Mail (A)	Piece Length	10.75 inches
Presort Level	Non-Automation DMM M610	Piece Height	7.5 inches
Presentation Level	Sacked	Piece Thickness	0.095 inches
Processing Category	Flats	Point of Entry	Paw Creek NC 28130
Sortation Levels Allowed	Required	Sack Maximum	70 lbs.
* Additional Required Tests	Files 202, 203, and 220	Sack Minimum	125 pieces or 15 lbs.

File Number	File 220*	Piece Description	Identical
Total Records	27,155	Piece Weight	0.1119 lbs.
Mail Class	Standard Mail (A)	Piece Length	11 inches
Presort Level	Non-Automation DMM M610	Piece Height	8.5 inches
Presentation Level	Sacked	Piece Thickness	0.134 inches
Processing Category	Flats	Point of Entry	Marco Island FL 34145
Sortation Levels Allowed	Required	Sack Maximum	70 lbs.
* Additional Required Tests	Files 202, 203, and 219	Sack Minimum	125 pieces or 15 lbs.

File Number	File 221*	Piece Description	Identical
Total Records	21,136	Piece Weight	0.1119 lbs.
Mail Class	Standard Mail (A)	Piece Length	11 inches
Presort Level	Enhanced Carrier Route DMM M620	Piece Height	8.5 inches
Presentation Level	Sacked	Piece Thickness	0.134 inches
Processing Category	Flats	Point of Entry	Atlanta MI 49709
Sortation Levels Allowed	Optional & Required	Sack Maximum	70 lbs.
* Additional Required Tests	Files 202 and 222	Sack Minimum	125 pieces or 15 lbs.

File Number	File 222*	Piece Description	Identical
Total Records	18,079	Piece Weight	0.1331 lbs.
Mail Class	Standard Mail (A)	Piece Length	10.75 inches
Presort Level	Enhanced Carrier Route DMM M620	Piece Height	7.5 inches
Presentation Level	Sacked	Piece Thickness	0.095 inches
Processing Category	Flats	Point of Entry	Keyes OK 73947
Sortation Levels Allowed	Optional & Required	Sack Maximum	70 lbs.
* Additional Required Tests	Files 202 and 221	Sack Minimum	125 pieces or 15 lbs.

File Number	File 223*	Piece Description	Identical
Total Records	72,463	Piece Weight	0.9344 lbs.
Mail Class	Standard Mail (A)	Piece Length	11 inches
Presort Level	Automation & Non-Automation DMM M820 and/or M610	Piece Height	8.5 inches
Presentation Level	Packages on Pallets	Piece Thickness	0.75 inches
Processing Category	Flats	Point of Entry	Memphis TN 38101
Sortation Levels Allowed	Optional & Required	Note: Mailpiece packages are machinable; therefore, the pallets listed to the right could be created.	req. 5DG, opt. 3DG, req. SCF, req. BMC, and opt. sacks on MBMC pallets- DMM 54, M045.4.1
* Additional Required Tests	Files 202		

File Number	File 224*	Piece Description	Identical
Total Records	27,160	Piece Weight	0.5 lbs.
Mail Class	Standard Mail (A)	Piece Length	5.75 inches
Presort Level	Irregular Parcels DMM M610	Piece Height	2.75 inches
Presentation Level	Sacked	Piece Thickness	0.25 inches
Processing Category	Parcels	Point of Entry	Anthony NM 88008
Sortation Levels Allowed	Optional & Required	Sack Maximum	70 lbs.
* Additional Required Tests	Files 202	Sack Minimum	125 pieces or 15 lbs.

File Number	File 225*	Piece Description	Identical
Total Records	27,160	Piece Weight	0.11 lbs.
Mail Class	Standard Mail (A)	Piece Length	5.75 inches
Presort Level	Irregular Parcels DMM M610	Piece Height	2.75 inches
Presentation Level	Sacked	Piece Thickness	0.25 inches
Processing Category	Parcels	Point of Entry	Anthony NM 88008
Sortation Levels Allowed	Optional & Required	Sack Maximum	70 lbs.
* Additional Required Tests	Files 202	Sack Minimum	125 pieces or 15 lbs.

Periodicals Tests

File Number	File 226*	Piece Description	Identical
Total Records	79,836	Piece Weight	0.0625 lbs.
Mail Class	Periodicals	Piece Length	9.0 inches
Presort Level	Automation & Non-Automation DMM M810 & M200	Piece Height	4.5 inches
Presentation Level	Trayed	Piece Thickness	0.042 inches
Processing Category	Letters	Point of Entry	Memphis TN 38101
Sortation Levels Allowed	Optional & Required	2' Tray Length	21 inches
* Additional Required Tests	None	1' Tray Length	10.25 inches
Advertising Percentage	72.34%		
Publication Type	Newspaper	*See Appendix 4 for county and zone information.	

File Number	File 227*	Piece Description	Identical
Total Records	43,034	Piece Weight	0.0625 lbs.
Mail Class	Periodicals	Piece Length	9.0 inches
Presort Level	Automation DMM M810	Piece Height	4.5 inches
Presentation Level	Trayed	Piece Thickness	0.042 inches
Processing Category	Letters	Point of Entry	Pittsburgh PA 15201
Sortation Levels Allowed	Optional & Required	2' Tray Length	21 inches
* Additional Required Tests	Files 226	1' Tray Length	10.25 inches
Advertising Percentage	68.26%		
Publication Type	Newsletter	*See Appendix 4 for county and zone information.	

File Number	File 228*	Piece Description	Identical
Total Records	29,274	Piece Weight	0.06 lbs.
Mail Class	Periodicals	Piece Length	9.0 inches
Presort Level	Non-Automation DMM M200	Piece Height	4.5 inches
Presentation Level	Trayed	Piece Thickness	0.042 inches
Processing Category	Letters	Point of Entry	Norfolk VA 23501
Sortation Levels Allowed	Required	2' Tray Length	21 inches
* Additional Required Tests	Files 226 & 229	1' Tray Length	10.25 inches
Advertising Percentage	48.34%	Container Minimum	One six-piece package where allowed
Publication Type	Newsletter	*See Appendix 4 for county and zone information.	

File Number	File 229*	Piece Description	Identical
Total Records	29,274	Piece Weight	0.061 lbs.
Mail Class	Periodicals	Piece Length	9.0 inches
Presort Level	Non-Automation DMM M200	Piece Height	4.5 inches
Presentation Level	Trayed	Piece Thickness	0.042 inches
Processing Category	Letters	Point of Entry	Norfolk VA 23501
Sortation Levels Allowed	Required	2' Tray Length	21 inches
* Additional Required Tests	Files 226 & 228	1' Tray Length	10.25 inches
Advertising Percentage	57.21%	Container Minimum	Minimum 24 pieces where required
Publication Type	Newsletter	*See Appendix 4 for county and zone information.	

File Number	File 230*	Piece Description	Identical
Total Records	28,234	Piece Weight	0.1356 lbs.
Mail Class	Periodicals	Piece Length	11.0 inches
Presort Level	Automation DMM M820	Piece Height	8.0 inches
Presentation Level	Sacked	Piece Thickness	0.125 inches
Processing Category	Flats	Point of Entry	San Diego CA 92101
Sortation Levels Allowed	Required	Sack Maximum	70 lbs.
* Additional Required Tests	File 231	Sack Minimum	Optional one six-piece package where allowed
Advertising Percentage	82.96%	Container Minimum	6 pieces
Publication Type	Magazine	*See Appendix 4 for county and zone information.	

File Number	File 231*	Piece Description	Identical
Total Records	54,951	Piece Weight	0.1356 lbs.
Mail Class	Periodicals	Piece Length	11.0 inches
Presort Level	Automation DMM M820	Piece Height	8.0 inches
Presentation Level	Sacked	Piece Thickness	0.125 inches
Processing Category	Flats	Point of Entry	San Diego CA 92101
Sortation Levels Allowed	Required	Sack Maximum	70 lbs.
* Additional Required Tests	Files 230	Sack Minimum	Optional one six-piece package where allowed
Advertising Percentage	67.35%	Container Minimum	24 pieces
Publication Type	Newspaper	*See Appendix 4 for county and zone information.	

File Number	File 232*	Piece Description	Identical
Total Records	9,948	Piece Weight	0.1163 lbs.
Mail Class	Periodicals	Piece Length	11.0 inches
Presort Level	Non-Automation DMM M200	Piece Height	8.0 inches
Presentation Level	Sacked	Piece Thickness	0.125 inches
Processing Category	Flats	Point of Entry	Las Vegas NV 89101
Sortation Levels Allowed	Required	Sack Maximum	70 lbs.
* Additional Required Tests	None	Sack Minimum	Optional one six-piece package where allowed
Advertising Percentage	39.62%	Container Minimum	6 pieces
Publication Type	Magazine	*See Appendix 4 for county and zone information.	

File Number	File 233*	Piece Description	Identical
Total Records	74,763	Piece Weight	0.15 lbs.
Mail Class	Periodicals	Piece Length	11.0 inches
Presort Level	Automation & Non-Automation DMM M820 & M200	Piece Height	8.0 inches
Presentation Level	Packages on Pallets	Piece Thickness	0.125 inches
Processing Category	Flats	Point of Entry	Springfield MO 65801
Sortation Levels Allowed	Optional & Required	Note: Mailpiece packages are machinable	req. 5DG, opt. 3DG, req. SCF, req. ADC, and opt. sakcs on MADC pallets– DMM 54, M045.4.1
* Additional Required Tests	None		
Advertising Percentage	42.96%		
Publication Type	Magazine	*See Appendix 4 for county and zone information.	

PRESORT ACCURACY VALIDATION & EVALUATION ORDER FORM

To avoid delays in processing, complete this form in its entirety (i.e., all three pages).

Attention Name

Firm/Customer Name

Complete Street Address, PO Box, or Rural Hwy Contract Route and Box # | Apt/Suite #

City | State | ZIP+4

Program Contact | Area Code & Phone Number

Technical Contact | Area Code & Phone Number

Fax Number | E-mail Address

After successful completion of testing, your certified product will be listed in the PAVE Certified Developers List. Please provide the following information for inclusion in this list:

Sales/Marketing Contact

Firm/Customer Name

Complete Address

City | State | ZIP+4

Area Code & Phone Number

E-mail Address | Web Address (URL)

Please indicate all presort categories in which you will seek certification for this product:

____ First-Class Automation Letters
____ First-Class Non-Automation Letters
____ First-Class Non-Automation Upgradable Letters
____ First-Class Automation Flats
____ First-Class Non-Automation Flats
____ First-Class Presorted Parcels
____ Standard Mail (A) Automation Letters
____ Standard Mail (A) Non-Automation Letters
____ Standard Mail (A) Non-Auto Upgradable Letters
____ Standard Mail (A) Automation Flats
____ Standard Mail (A) Non-Automation Flats
____ Std Mail (A) Non-Auto Enhanced Carrier Route Letters
____ Std Mail (A) Non-Auto Enhanced Carrier Route Flats
____ Std Mail (A) Palletized Flats
____ Std Mail (A) Irregular Parcels
____ Periodicals Automation Letters
____ Periodicals Non-Automation Letters
____ Periodicals Palletized Flats
____ Periodicals Automation Flats
____ Periodicals Non-Automation Flats

Type of Certification Sought (check one): _____ Gold _____ Standard

Signature of Applicant **Date**

Product Information—Please complete a separate form for each product.

Presort Product Name: _____ **Version No.**: _____

List **ALL** hardware and software combinations for this product and version. Attach additional sheet if necessary.

Hardware Platform (Choose Macintosh, Mainframe, Mid-Range or PC)	Software Platform	Price Range*	Developer Type**

* A = Under $500, B = $500–$1,000, C = $1,000–$5,000, D = Over $5,000

**A = Software Developer for Retail, B = Service Bureau, C = In-House/Proprietary Use, D = MLOCR Manufacturer

Media Configuration: ❑ CD ❑ Diskette ❑ RIBBS ❑ Iomega ZIP disk

Language: ❑ ASCII ❑ EBCDIC

If there is a limit to the number of addresses this product can process, what is the maximum number?

If this product/presort engine is licensed to another company, what are the company and product names?

If this product/presort engine is marketed under another name, identify the product and version number.

Which of the following presort options does your product support? (check all that apply)

___ USPS Qualification Report
___ Job Setup/Parameter Report
___ Barcoded Tray & Sack Tags
___ Non-barcoded Tray & Sack Tags
___ Additional User Documentation
___ Palletization
___ Destination Rates
___ Auto Carrier Route Direct Containers
___ Auto 5-Digit Carrier Route Containers
___ Auto 3-Digit Carrier Route Containers
___ 5-Digit Scheme Trays
___ Line Of Travel Sequencing
___ Enhanced Carrier Route-High Density
___ Enhd Carrier Route-Saturation
___ Enhd Carrier Route Direct Containers
___ Enhd Carrier Route 5-Digit Containers
___ Enhd Carrier Route 3-Digit Containers
___ Periodicals–In-County Rates
___ Periodicals–Firm Package Processing
___ Periodicals–Zone Summary Report
___ Periodicals–Optional 6 Piece Containers
___ PS Form 3540-S
___ PS Form 3541-N
___ PS Form 3541-NC
___ PS Form 3541-R
___ PS Form 3600-R
___ PS Form 3600-P
___ PS Form 3600-PM
___ PS Form 3602-N
___ PS Form 3602-R
___ PS Form 3602-PR
___ PS Form 3602-PN
___ PS Form 3602-PRN
___ PS Form 3602-PM
___ PS Form 3602-PNV
___ PS Form 3602-NV
___ PS Form 3692-RV
___ PS Form 3608-R
___ PS Form 3608-P
___ EMM Trays

Test Files

Prerequisite Tests

To become certified in any First-Class Mail or Standard Mail (A) presort category, the product MUST complete File 201 and/or 202 respectively. To become certified in any Standard Mail (A) Flats presort category, the product MUST complete File 203.

_____ **File 201** First-Class Automation Letters
_____ **File 202** Standard Mail (A) Automation Letters
_____ **File 203** Standard Mail (A) Flats

First Class Tests

_____ **File 204** First-Class Multi-Presort File for Letters
_____ **File 205** First-Class Automation Letters
_____ **File 206** First-Class Non-Automation Letters
_____ **File 207** First-Class Non-Automation Upgradable Letters
_____ **File 208** First-Class Automation Flats
_____ **File 209** First-Class Non-Automation Flats
_____ **File 210** First-Class Presorted Parcels

Standard Mail (A) Tests

_____ **File 211** Standard Mail (A) Multi-Presort File for Letters
_____ **File 212** Standard Mail (A) Automation Letters
_____ **File 213** Standard Mail (A) Non-Automation Letters
_____ **File 214** Standard Mail (A) Non-Automation Upgradable Letters
_____ **File 215** Standard Mail (A) Enhanced Carrier Route Letters
_____ **File 216** Standard Mail (A) Enhanced Carrier Route Letters
_____ **File 217** Standard Mail (A) Automation Flats
_____ **File 218** Standard Mail (A) Automation Flats
_____ **File 219** Standard Mail (A) Non-Automation Flats
_____ **File 220** Standard Mail (A) Non-Automation Flats
_____ **File 221** Standard Mail (A) Enhanced Carrier Route Flats
_____ **File 222** Standard Mail (A) Enhanced Carrier Route Flats
_____ **File 223** Standard Mail (A) Multi-Presort File for Palletized Flats
_____ **File 224** Standard Mail (A) Irregular Parcels
_____ **File 225** Standard Mail (A) Irregular Parcels

Periodicals Tests

_____ **File 226** Periodicals Multi-Presort File for Letters
_____ **File 227** Periodicals Automation Letters
_____ **File 228** Periodicals Non-Automation Letters
_____ **File 229** Periodicals Non-Automation Letters
_____ **File 230** Periodicals Automation Flats
_____ **File 231** Periodicals Automation Flats
_____ **File 232** Periodicals Non-Automation Flats
_____ **File 233** Periodicals Multi-Presort File for Palletized Flats

Appendix 1: Sample PAVE Gold Certificate

Appendix 2: Sample PAVE Certified Developer's List

	Software & Version Number: ***Pavefast Presort v5.00***	
John Doe **Post-Haste Inc.** Memphis TN 38101-1234 (800) 555-5678 posthaste@aol.com www.posthaste.com	**Presort Categories**	
	First-Class Automation Letters	Periodicals Non-Automation Flats
	First-Class Automation Flats	Std Mail (A) Automation Letters
	First-Class Non-Automation Letters	Std Mail (A) Automation Flats
	First-Class Non-Auto Upgradable Letters	Std Mail (A) Non-Auto Letters
	First-Class Non-Automation Flats	Std Mail (A) Non-Auto Upgradable Letters
	First-Class Presorted Parcels	Std Mail (A) Non-Auto Flats
	Periodicals Automation Letters	Std Mail (A) Enhanced Carrier Route Letters
	Periodicals Automation Flats	Std Mail (A) Enhanced Carrier Route Flats
	Periodicals Non-Automation Letters	Std Mail (A) Irregular Parcels
	Presort-Related Options Supported:	
	USPS Qualification Report	PS Form 3540-S Postage Statement Facsimile
	Job Setup/Parameter Report	PS Form 3541-N Postage Statement Facsimile
	Barcoded Tray/Sack Tags	PS Form 3541-NC Postage Statement Facsimile
	Non-Barcoded Tray/Sack Tags	PS Form 3541-R Postage Statement Facsimile
	Additional User Documentation	PS Form 3600-R Postage Statement Facsimile
	Palletization	PS Form 3600-P Postage Statement Facsimile
	Destination Rates	PS Form 3600-PM Postage Statement Facsimile
	Automated Carrier Route Direct Containers	PS Form 3602-N Postage Statement Facsimile
	Automated 5-Digit Carrier Route Containers	PS Form 3602-R Postage Statement Facsimile
	Automated 3-Digit Carrier Route Containers	PS Form 3602-PR Postage Statement Facsimile
	5-Digit Scheme Trays	PS Form 3602-PN Postage Statement Facsimile
	Line of Travel Sequencing	PS Form 3602-PRN Postage Statement Facsimile
	Enhanced Carrier Route - High Density	PS Form 3602-PM Postage Statement Facsimile
	Enhanced Carrier Route - Saturation	PS Form 3602-PNV Postage Statement Facsimile
	Enhanced Carrier Route Direct Containers	PS Form 3602-NV Postage Statement Facsimile
	Enhanced Carrier Route 5-Digit Containers	PS Form 3602-RV Postage Statement Facsimile
	Enhanced Carrier Route 3-Digit Containers	PS Form 3608-R Postage Statement Facsimile
	Periodicals: In-County Rates	PS Form 3608-P Postage Statement Facsimile
	Periodicals: Firm Package Processing	EMM Trays
	Periodicals: Zone Summary Report	
	Periodicals: Optional Six Piece Containers	
	Platforms Supported	
Price: $5,000+	Mainframe DOS/VSE	Mainframe OS/MVS
	Mid-range WINDOWS NT DEC ALPHA	Mid-range HP9000 HP-UX
	Mid-range Open VMX ACP	Mid-range SUN SOLARIS
	Mid-range RS6000 UNIX AIX	Mid-range UNIX DEC ALPHA
	Mid-range UNIX SUN	Mid-range UNIX AIX

PAVE COVER SHEET
PAVE TEST FILE 205 (DATED: **1998/07/23** EPOCH: **98/07**)
FCM AUTO LETTERS

Product No.: ***11111 (super sort***
Platform: ***MACINTOSH (OS)***
File Number: ***0002142***

TEST VENDOR (HDJ)

Fax Phone:
Voice Phone:
E-Mail Address:

OFFICIAL DEVELOPERS LIST INFO

Price Range:
Fax Phone:
Voice Phone:
E-Mail Address:
Categories:

MEDIA USED FOR RETURNING TEST DECK & REPORT

Test Deck (Diskette, e-mail, etc.):_____ Report (Hardcopy, pdf, etc.): _____

PARAMETERS USED IN SETTING UP THIS SPECIFIC TEST

Piece Weight: _____ Height: _____ Length: _____ Thickness: _____ Point of Entry: _____

Container(s) used? (Choose from the following): ☐1ft ☐2ft ☐EMM ☐TUB ☐SACK ☐PALLET

Container #1 _____ Length (inches) _____ Tray Max _____ Tray 75% _____ Compression Allowance (0-10%) = max + (_____)
Sack Max _____ Sack 75% _____

Container #2 _____ Length (inches) _____ Tray Max _____ Tray 75% _____ Compression Allowance (0-10%) = max + (_____)

Total Pieces Given by PAVE Dept. ___ 5,020 Total Pieces Software Processed _____

THE FOLLOWING PARAMETERS AND INSTRUCTIONS MUST BE FOLLOWED EXPLICITLY IN ORDER TO OBTAIN PAVE CERTIFICATION

File Number	File 205	Piece Description	IDENTICAL
Total Records	22,211	Piece Weight	0.0613 oz.
Class of Mail	First-Class	Piece Height	4.5000 inches
Presort Level	AUTOMATION	Piece Length	8.7500 inches
DMM Reference	DMM M810	Piece Thickness	0.0444 inches
Presentation Level	TRAYS	Point of Entry	DENNISTON KY 40316
Processing Category	LETTERS	2-FT Tray Length	21 inches
Sortation Levels	OPTIONAL & REQUIRED	1-FT Tray Length	10.25 inches
Additional Tests	201, 204		

THE FOLLOWING DOCUMENTATION AND OPTIONS MUST BE PRESENTED WITH THIS TEST TO OBTAIN PAVE CERTIFICATION.

You ***must*** complete and return this form in order to be graded.
You ***must*** attach this completed form to the top of your test results.

Appendix 4: In-County Rates and Zone Charts

PAVE Test File 226

Point of Entry: MEMPHIS TN 38101

5-digit ZIP Codes that qualify for in-county rates

STATE	COUNTY	ZIP
TN	SHELBY	37501-37501
TN	SHELBY	38002-38002
TN	SHELBY	38014-38014
TN	SHELBY	38017-38018
TN	SHELBY	38027-38029
TN	SHELBY	38053-38054
TN	SHELBY	38083-38083
TN	SHELBY	38088-38088
TN	SHELBY	38101-38101
TN	SHELBY	38103-38120
TN	SHELBY	38122-38122
TN	SHELBY	38124-38128
TN	SHELBY	38130-38143
TN	SHELBY	38145-38148
TN	SHELBY	38150-38152
TN	SHELBY	38157-38157
TN	SHELBY	38159-38159
TN	SHELBY	38161-38161
TN	SHELBY	38163-38163
TN	SHELBY	38165-38168
TN	SHELBY	38173-38175
TN	SHELBY	38177-38177
TN	SHELBY	38181-38184
TN	SHELBY	38186-38188
TN	SHELBY	38190-38190
TN	SHELBY	38193-38195
TN	SHELBY	38197-38197

Zone Chart for ZIP Code 381

An asterisk (*) designates Intra-BMC

ZIP CODE	ZONE	ZIP CODE	ZONE	ZIP CODE	ZONE	ZIP CODE	ZONE
004..005	5	368	4	600..619	4	756..768	4
006..009	8	369..372	3*	620..634	3	769	5
010..065	6	373..374	3	635	4	770..779	4
066	5	375	1*	636	3	780..785	5
067	6	376..379	4	637..639	2	786..787	4
068..118	5	380..381	1*	640..647	4	788	5
119..123	6	382..383	2*	648	3	789	4
124..127	5	384..385	3*	649	4	790..791	5
128..129	6	386	1*	650..659	3	792	4
130..239	5	387..389	2*	660..666	4	793..794	5
240..243	4	390..394	3*	667	3	795..796	4
244..245	5	395	4*	668..676	4	797..814	5
246..253	4	396..397	3*	677	5	815	6
254	5	399..418	4	678..689	4	816..820	5
255..259	4	420	2	690..693	5	821	6
260	5	421..424	3	700..703	4*	822	5
261..264	4	425..426	4	704	3*	823..825	6
265	5	427	3	705	4*	826	5
266	4	430..438	4	706	4	827..834	6
267..268	5	439	5	707..709	4*	835..838	7
270..274	4	440..443	4	710..712	3	840..865	6
275..279	5	444..445	5	713..714	3*	870..872	5
280..282	4	446..474	4	716	2*	873	6
283..285	5	475..478	3	717	3*	874..885	5
286..293	4	479..483	4	718	3	889..893	6
294	5	484..487	5	719	3*	894..954	7
295..306	4	488..495	4	720..722	2*	955	8
307	3	496..499	5	723..724	1*	956..966	7
308..326	4	500..511	4	725	2*	967..974	8
327..342	5	512	5	726..729	3*	975..979	7
344	4	513..539	4	730..739	4	980..986	8
346..349	5	540..545	5	740..745	3	987..994	7
350..362	3	546	4	746..748	4	995..999	8
363..366	4	547..585	5	749	3		
367	3	586..597	6	750..754	4		

PAVE Test File 227

Point of Entry: PITTSBURGH PA 15201

5-digit ZIP Codes that qualify for in-county rates

STATE	COUNTY	ZIP
PA	ALLEGHENY	15006-15007
PA	ALLEGHENY	15014-15015
PA	ALLEGHENY	15017-15018
PA	ALLEGHENY	15020-15020
PA	ALLEGHENY	15024-15025
PA	ALLEGHENY	15028-15028
PA	ALLEGHENY	15030-15032
PA	ALLEGHENY	15034-15035
PA	ALLEGHENY	15037-15037
PA	ALLEGHENY	15044-15047
PA	ALLEGHENY	15049-15049
PA	ALLEGHENY	15051-15051
PA	ALLEGHENY	15056-15056
PA	ALLEGHENY	15064-15065
PA	ALLEGHENY	15071-15071
PA	ALLEGHENY	15075-15076
PA	ALLEGHENY	15082-15082
PA	ALLEGHENY	15084-15084
PA	ALLEGHENY	15086-15086
PA	ALLEGHENY	15088-15088
PA	ALLEGHENY	15090-15091
PA	ALLEGHENY	15095-15096
PA	ALLEGHENY	15101-15102
PA	ALLEGHENY	15104-15104
PA	ALLEGHENY	15106-15106
PA	ALLEGHENY	15108-15108
PA	ALLEGHENY	15110-15110
PA	ALLEGHENY	15112-15112
PA	ALLEGHENY	15116-15116
PA	ALLEGHENY	15120-15120
PA	ALLEGHENY	15122-15123
PA	ALLEGHENY	15126-15127
PA	ALLEGHENY	15129-15137
PA	ALLEGHENY	15139-15140
PA	ALLEGHENY	15142-15148
PA	ALLEGHENY	15189-15189
PA	ALLEGHENY	15201-15244
PA	ALLEGHENY	15250-15255

PA	ALLEGHENY	15257-15268
PA	ALLEGHENY	15270-15270
PA	ALLEGHENY	15272-15272
PA	ALLEGHENY	15274-15279
PA	ALLEGHENY	15281-15283
PA	ALLEGHENY	15285-15286
PA	ALLEGHENY	15290-15290

Zone Chart for ZIP Code 150

An asterisk (*) designates Intra-BMC

ZIP CODE	ZONE	ZIP CODE	ZONE	ZIP CODE	ZONE	ZIP CODE	ZONE
004..005	4	250..254	2	437..438	2	676..679	6
006..009	7	255..259	3	439	1*	680..689	5
010..043	4	260	1*	440..445	2*	690..693	6
044	5	261..264	2*	446..447	1*	700..732	5
045	4	265	1*	448..449	2	733..736	6
046..048	5	266	2*	450..455	3	737	5
049..077	4	267..268	2	456..457	2	738..739	6
078	3	270..274	3	458..459	3	740..749	5
079	4	275..285	4	460..466	4	750..754	6
080..083	3	286	3	467..468	3	755..757	5
084	4	287..314	4	469	4	758	6
085..086	3	315..317	5	470	3	759	5
087..126	4	318..319	4	471	4	760..797	6
127	3	320..349	5	472..473	3	798..799	7
128..129	4	350..353	4	474..479	4	800..812	6
130..132	3	354	5	480..492	3	813..816	7
133..136	4	355..359	4	493..499	4	820	6
137..146	3	360..361	5	500..516	5	821	7
147	2	362	4	520	4	822..823	6
148..149	3	363..367	5	521	5	824..825	7
150..157	1*	368	4	522..524	4	826..828	6
158..159	2*	369	5	525	5	829..834	7
160	1*	370..374	4	526..539	4	835..838	8
161	2*	375	5	540	5	840..847	7
162	1*	376	3	541..546	4	850..851	8
163..168	2*	377..379	4	547..548	5	852..853	7
169..214	3	380..381	5	549	4	854	8
215	2	382..385	4	550..574	5	855..863	7
216..225	3	386..397	5	575..577	6	864	8
226	2	399..402	4	580..582	5	865..875	7
227	3	403..406	3	583..588	6	877	6
228..229	2	407..409	4	590..591	7	878..880	7
230..232	3	410..418	3	592..593	6	881	6
233..237	4	420..424	4	594..599	7	882..883	7
244	2	427	4	635	5	885	7
245..249	3	430..433	2	636..639	4	889..999	8
250..254	2	434..436	3	640..675	5		

PAVE Test File 228

Point of Entry: NORFOLK VA 23501

5-digit ZIP Codes that qualify for in-county rates

STATE	COUNTY	ZIP
VA	NORFOLK CITY	23501-23515
VA	NORFOLK CITY	23517-23520
VA	NORFOLK CITY	23523-23523
VA	NORFOLK CITY	23529-23530
VA	NORFOLK CITY	23541-23541
VA	NORFOLK CITY	23551-23552

Zone Chart for ZIP Code 235

An asterisk (*) designates Intra-BMC

ZIP CODE	ZONE	ZIP CODE	ZONE	ZIP CODE	ZONE	ZIP CODE	ZONE
004..005	3	227	2*	356..359	4	580..584	6
006..009	6	288..229	3*	360..351	5	585..593	7
010..043	4	230..232	2*	362	4	594..599	8
044	5	233..232	2*	363..367	5	600..639	5
045	4	239	2*	368	4	640..645	6
046..049	5	240..241	3	369	5	646..647	5
050..069	4	242	4	370..374	4	648..649	6
070..105	3	243	3	376..379	5	650..659	7
109	4	244	3*	380..384	4	660..692	6
110..118	3	245..259	3	385	5	693	7
119..153	4	250..253	4	386..397	4	700..704	5
154..157	3	254	3*	399..418	5	705..706	6
158	4	255..257	4	420	4	707..709	5
159	3	258..259	3	421	5	710..711	6
160..165	4	260..261	3*	424	4	712..729	5
166	3	262..266	3	425..462	5	730..749	6
167	4	267..268	2	463..466	4	750..768	5
168	3	269..274	1	467..475	5	769	7
169	4	275..278	3	479..489	4	770..784	6
170..187	3	279	2	490..491	5	785	7
188	4	280..284	3	492	4	786..787	6
189..199	3	285	4	493..504	5	788	7
200..209	2*	286	3	505	6	789	6
210..213	3*	287..294	4	506..509	5	790..791	7
214	2*	295	3	510..516	6	792	6
215	3*	296	4	520..539	5	793..794	7
216	2*	323..325	5	540	6	797..820	7
217	3*	326	4	541..549	5	821	8
218	2*	327..342	5	550..558	6	822..830	7
219	3*	344	4	559	5	831..864	7
220..225	2*	346..355	5	560..576	6	865..885	7
226	3*	356..359	4	577	7	889..999	8

PAVE Test File 230 and 231

Point of Entry: SAN DIEGO 92101

5-digit ZIP Codes that qualify for in-county rates

STATE	COUNTY	ZIP
CA	SAN DIEGO	91901-91903
CA	SAN DIEGO	91905-91906
CA	SAN DIEGO	91908-91917
CA	SAN DIEGO	91921-91921
CA	SAN DIEGO	91931-91935
CA	SAN DIEGO	91941-91948
CA	SAN DIEGO	91950-91951
CA	SAN DIEGO	91962-91963
CA	SAN DIEGO	91976-91980
CA	SAN DIEGO	91987-91987
CA	SAN DIEGO	91990-91990
CA	SAN DIEGO	92003-92004
CA	SAN DIEGO	92007-92009
CA	SAN DIEGO	92014-92014
CA	SAN DIEGO	92018-92030
CA	SAN DIEGO	92033-92033
CA	SAN DIEGO	92036-92040
CA	SAN DIEGO	92046-92046
CA	SAN DIEGO	92049-92049
CA	SAN DIEGO	92051-92052
CA	SAN DIEGO	92054-92061
CA	SAN DIEGO	92064-92072
CA	SAN DIEGO	92074-92075
CA	SAN DIEGO	92079-92079
CA	SAN DIEGO	92082-92086
CA	SAN DIEGO	92088-92088
CA	SAN DIEGO	92090-92093
CA	SAN DIEGO	92096-92096
CA	SAN DIEGO	92101-92124
CA	SAN DIEGO	92126-92140
CA	SAN DIEGO	92142-92143
CA	SAN DIEGO	92145-92145
CA	SAN DIEGO	92147-92147
CA	SAN DIEGO	92149-92150
CA	SAN DIEGO	92152-92155
CA	SAN DIEGO	92158-92179
CA	SAN DIEGO	92182-92182
CA	SAN DIEGO	92184-92184
CA	SAN DIEGO	92186-92187
CA	SAN DIEGO	92190-92199

Zone Chart for ZIP Code 920

An asterisk (*) designates Intra-BMC

ZIP CODE	ZONE	ZIP CODE	ZONE	ZIP CODE	ZONE	ZIP CODE	ZONE
004..324	8	474..479	7	700..709	7	870..872	5
325	7	480..497	8	710..711	6	873..874	4
326..349	8	498..507	7	712..716	7	875..877	5
350..361	7	508	6	717..719	6	878..880	4
362..363	8	509	7	720..725	7	881..885	5
364..367	7	510..516	6	726..738	6	889..892	3*
368	8	520..560	7	739	5	893..898	4
369..372	7	561	6	740..768	6	900..918	2*
373..374	8	562..567	7	769	5	919..921	1*
375	7	570..577	6	770..789	6	922..930	2*
376..379	8	580..583	7	790..794	5	931..935	3*
380..397	7	584..588	6	795..796	6	936..938	3
399	8	590..591	5	797..812	5	939..954	4
400..402	7	592..595	6	813	4	955	5
403..418	8	596..598	5	814..837	5	956..966	4
420..424	7	599	6	838	6	967..969	8
425..426	8	600..639	7	840..844	5	970..979	5
427	7	640..649	6	845..847	4	980..985	6
430..459	8	650..652	7	850..851	3	986	5
460..466	7	653	6	852	4	987	4
467..468	8	654..655	7	853	3	988..989	5
469	7	656..676	6	854	2	990..992	6
470	8	677..679	5	855..860	4	993..994	5
471..472	7	680..693	6	863..864	3	995..998	8
473	8	700..709	7	865	4	999	7

PAVE Test File 232

Point of Entry: LAS VEGAS NV 89101

5-digit ZIP Codes that qualify for In-county rates

STATE	COUNTY	ZIP
NV	CLARK	88901-88901
NV	CLARK	88905-88905
NV	CLARK	89004-89007
NV	CLARK	89009-89009
NV	CLARK	89011-89012
NV	CLARK	89014-89016
NV	CLARK	89018-89019
NV	CLARK	89021-89021
NV	CLARK	89024-89031
NV	CLARK	89033-89033
NV	CLARK	89036-89036
NV	CLARK	89039-89040
NV	CLARK	89046-89046
NV	CLARK	89053-89053
NV	CLARK	89070-89070
NV	CLARK	89101-89104
NV	CLARK	89106-89135
NV	CLARK	89137-89139
NV	CLARK	89146-89147
NV	CLARK	89150-89155
NV	CLARK	89158-89160
NV	CLARK	89163-89164
NV	CLARK	89170-89170
NV	CLARK	89177-89177
NV	CLARK	89180-89180
NV	CLARK	89185-89185
NV	CLARK	89191-89191
NV	CLARK	89193-89193
NV	CLARK	89195-89195
NV	CLARK	89199-89199

Zone Chart for ZIP Code 890

An asterisk(*) designates Intra-BMC.

ZIP CODE	ZONE	ZIP CODE	ZONE	ZIP CODE	ZONE	ZIP CODE	ZONE
004..254	8	539	7	710..729	6	838	5
255..257	7	540	6	730..732	5	840..846	4
258..286	8	541..545	7	733..734	6	47..854	3
287..289	7	546..548	6	735..739	5	855..858	4
290..299	8	549	7	740..745	6	859..863	3
300..303	7	550..574	6	746	5	864	2
304	8	575..577	5	747..762	6	865..880	4
305..307	7	580..585	6	763	5	881..882	5
308..309	8	586	5	764..767	6	883	4
310..312	7	587	6	768..769	5	884	5
313..316	8	588..599	5	770..787	6	885	4
317..319	7	600..611	7	788	5	889..892	1*
320..323	8	612	6	789	6	893	3
324..325	7	613	7	790..797	5	894..897	4
326..349	8	614..616	6	798..799	4	898..899	3
350..374	7	617..619	7	800..802	5	900..935	3*
375	6	620..623	6	803..805	4	936..938	3
376	8	624	7	806..807	5	939..966	4
377..379	7	625..627	6	808..816	4	967..969	8
380..381	6	628..629	7	820	5	970..974	5
382..385	7	630..668	6	821	4	975..976	4
386..387	6	669..672	5	822	5	977..978	5
388..438	7	673	6	823	4	979	4
439..447	8	674..679	5	824	5	980..986	5
448..499	7	680..687	6	825	4	987	4
500..528	6	688..693	5	826..828	5	988..994	5
530..537	7	700..704	7	829..834	4	95..997	8
538	6	705..706	6	835	5	998..999	7
539	7	707..709	7	836..837	4		

PAVE Test File 233

Point of Entry: SPRINGFIELD MO 65801

5-digit ZIP Codes that qualify for in-county rates

STATE	COUNTY	ZIP
MO	GREENE	65604-65604
MO	GREENE	65612-65612
MO	GREENE	65619-65619
MO	GREENE	65648-65648
MO	GREENE	65738-65738
MO	GREENE	65757-65757
MO	GREENE	65765-65765
MO	GREENE	65770-65770
MO	GREENE	65781-65781
MO	GREENE	65801-65810
MO	GREENE	65814-65814
MO	GREENE	65817-65817
MO	GREENE	65890-65890
MO	GREENE	65898-65900

Zone Chart for ZIP Code 658

An asterisk(*) designates Intra-BMC.

ZIP CODE	ZONE	ZIP CODE	ZONE	ZIP CODE	ZONE	ZIP CODE	ZONE
004..005	6	376..379	4	613	4	779	5
006..009	8	380..383	3	614..617	3	780..782	4
010..046	6	384..385	4	618..619	4	783..785	5
047	7	386..387	3	620..635	3	786..787	4
048..079	6	388	4	636	2	788	5
080..083	5	389	3	637..639	3	789..796	4
084	6	390..418	4	640..643	2*	797..806	5
085..086	5	420	3	644..646	3*	807	4
087..129	6	421..423	4	647..655	2*	808..831	5
130..132	5	424	3	656..659	1*	832..844	6
133..136	6	425..436	4	660..663	2*	845..846	5
137..241	5	437..447	5	664..666	3*	847..858	6
242	4	448..475	4	667	2*	859	5
243..254	5	476..477	3	668..672	3*	860..864	6
255..257	4	478..479	4	673	2*	865..880	5
258..286	5	80..487	5	674..675	3*	881	4
287..289	4	488..495	4	676..679	4*	882..883	5
290..299	5	496..499	5	680..685	3	884	4
300..303	4	500..503	3	686..709	4	885	5
304	5	504..507	4	710..712	3	889..893	6
305..307	4	508..509	3	713..714	4	894..897	7
308..309	5	510..514	4	716..724	3	898..901	6
310..312	4	515..516	3	725..729	2	902..909	7
313..317	5	520..524	4	730..732	3	910..929	6
318..319	4	525..527	3	733	4	930..934	7
320..324	5	528..544	4	734	3	935	6
325	4	545	5	735..736	4	936..966	7
326..329	5	546..555	4	737	3	967..969	8
330..334	6	556..558	5	738	4	970..978	7
335..340	5	559..563	4	739	4*	979	6
341	6	564..567	5	740..744	2	980..989	7
342..347	5	570..575	4	745..748	3	990..992	6
349	6	576..593	5	749	2	993	7
350..374	4	594..599	6	750..754	4	994	6
375	3	600..611	4	755	3	995..999	8
376..379	4	612	3	756..778	4		